



## Human LEO1 peptide (DAG-P1741)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antigen Description</b>   | LEO1, parafibromin (CDC73; MIM 607393), CTR9 (MIM 609366), and PAF1 (MIM 610506) form the PAF protein complex that associates with the RNA polymerase II subunit POLR2A (MIM 180660) and with a histone methyltransferase complex (Rozenblatt-Rosen et al., 2005 [PubMed 15632063]).[supplied by OMIM, Mar 2008] |
| <b>Specificity</b>           | Highly expressed in skeletal muscle and heart. Weakly expressed in placenta and liver.                                                                                                                                                                                                                           |
| <b>Conjugate</b>             | Unconjugated                                                                                                                                                                                                                                                                                                     |
| <b>Sequence Similarities</b> | Belongs to the LEO1 family.                                                                                                                                                                                                                                                                                      |
| <b>Format</b>                | Liquid                                                                                                                                                                                                                                                                                                           |
| <b>Preservative</b>          | None                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.                                                                                                                                                                      |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">LEO1 Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [ Homo sapiens (human) ]</a>                                                                |
| <b>Official Symbol</b> | LEO1                                                                                                                                                                                 |
| <b>Synonyms</b>        | LEO1; Leo1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae); RDL; RNA polymerase-associated protein LEO1; replicative senescence down-regulated leo1-like protein; |
| <b>Entrez Gene ID</b>  | <a href="#">123169</a>                                                                                                                                                               |
| <b>mRNA Refseq</b>     | <a href="#">NM_001286430.1</a>                                                                                                                                                       |

|                            |                                |
|----------------------------|--------------------------------|
| <b>Protein Refseq</b>      | <a href="#">NP_001273359.1</a> |
| <b>UniProt ID</b>          | Q8WVC0                         |
| <b>Chromosome Location</b> | 15q21.2                        |
| <b>Function</b>            | protein binding;               |