



## Human WDR77 peptide (DAG-P1266)

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

### PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| <b>Antigen Description</b>   | WDR77 is a component of the 20S PRMT5 (MIM 604045)-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins (see MIM 601061). This modification targets Sm proteins to the survival of motor neurons (SMN) complex (see MIM 600354) for assembly into small nuclear ribonucleoprotein core particles (Friesen et al., 2002 [PubMed 11756452]).[supplied by OMIM, Mar 2008] |
| <b>Specificity</b>           | Highly expressed in heart, skeletal muscle, spleen, testis, uterus, prostate and thymus. In testis, expressed in germ cells and Leydig cells, but not in peritubular myocytes, nor in Sertoli cells. Expressed in prostate cancers, in seminomas and in Leydig   |
| <b>Purity</b>                | 70 - 90% by HPLC.  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Sequence Similarities</b> | Contains 5 WD repeats.   |
| <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

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">WDR77 WD repeat domain 77 [ Homo sapiens (human) ]</a>   |
| <b>Official Symbol</b> | WDR77  |
| <b>Synonyms</b>        | WDR77; WD repeat domain 77; p44; MEP50; MEP-50; HKMT1069; Nbla10071; p44/Mep50; methylosome protein 50; androgen receptor cofactor p44; WD repeat-containing protein 77; |

---

|                            |   |
|----------------------------|---|
| <b>Entrez Gene ID</b>      | <a href="#">79084</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_024102.2</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_077007.1</a>   |
| <b>UniProt ID</b>          | Q9BQA1  |
| <b>Chromosome Location</b> | 1p13.2  |
| <b>Pathway</b>             | Gene Expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; snRNP Assembly, organism-specific biosystem; |
| <b>Function</b>            | ligand-dependent nuclear receptor transcription coactivator activity; protein binding;  |

---