



Human ECE1 peptide (DAG-P1522)

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

PRODUCT INFORMATION

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| Antigen Description | The protein encoded by this gene is involved in proteolytic processing of endothelin precursors to biologically active peptides. Mutations in this gene are associated with Hirschsprung disease, cardiac defects and autonomic dysfunction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Sep 2009] |
| Purity | 70 - 90% by HPLC. |
| Conjugate | Unconjugated |
| Format | Liquid |
| Preservative | None |
| Storage | 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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| Gene Name | ECE1 endothelin converting enzyme 1 [Homo sapiens (human)] |
| Official Symbol | ECE1 |
| Synonyms | ECE1; endothelin converting enzyme 1; ECE; endothelin-converting enzyme 1; ECE-1; |
| Entrez Gene ID | 1889 |
| mRNA Refseq | NM_001113347.1 |
| Protein Refseq | NP_001106818.1 |
| UniProt ID | P42892 |

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| Chromosome Location | 1p36.1 |
| Pathway | Corticotropin-releasing hormone, organism-specific biosystem; Endothelin, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; |
| Function | endopeptidase activity; metal ion binding; metalloendopeptidase activity; peptide hormone binding; protein homodimerization activity; |