

Product datasheet for **TP750124**

HE4 (WFDC2) (NM_006103) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human WAP four-disulfide core domain 2 (HE4), N-terminal Trx-HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Glu31-Phe124) of HE4
Tag:	N-Trx-His
Predicted MW:	27.1 kDa
Concentration:	>0.05 µg/µL as determined by Bradford protein assay method.
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006094
Locus ID:	10406
UniProt ID:	Q14508 , A0A384MTN6
RefSeq Size:	570
Cytogenetics:	20q13.12
RefSeq ORF:	372
Synonyms:	dj461P17.6; EDDM4; HE4; WAP5



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Summary:

This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein, Transmembrane

Product images: