

Product datasheet for **TP720455**

HE4 (WFDC2) (NM_006103) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human WAP four-disulfide core domain 2 (WFDC2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Glu31-Phe124
Tag:	C-His
Predicted MW:	11.1 kDa
Concentration:	N/A
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Dissolve the lyophilized protein in distilled water. It is not recommended to reconstitute to a concentration less than 100µg/ml.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_006094
Locus ID:	10406
UniProt ID:	Q14508 , A0A384MTN6
Cytogenetics:	20q13.12
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: