

Product datasheet for **TP304659**

DENND10 (NM_207009) Human Recombinant Protein

Product data:

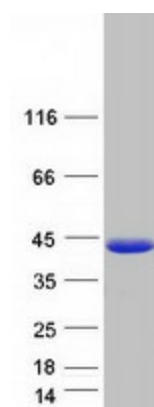
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 45, member A (FAM45A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204659 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAAAEVADTQLMLGVGLIEKDTNGEVLWWCYPSTTATLRNLLLRKCCLTDENKLLHPFVFGQYRRTWFI ITTIEVPDSSILKKVTHFSIVLTAKDFNPEKYAAFRILCRMYLKHGSPVKMMESYIAVLTKGICQSEEN GSFLSKDFDARKAYLAGSIKDIVSQFGMETVILHTALMLKKRIVVYHPKIEAVQEFTRTLPALVWHRQDW TILHSYVHLNADELEALQMCTGYVAGFVDLEVSNRPDLYDFVNLAESEITIAPLAKEAMAMGKLHKEMG QLIVQSAEDPEKSESHVIQDIALKTREIFTNLAPFSEVSADGEKRVNLNLEALKQKRFPATENFLYHLAA AEQMLKI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	40.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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:	<u>NP_996892</u>



[View online »](#)

Locus ID:	404636
UniProt ID:	Q8TCE6
RefSeq Size:	2192
Cytogenetics:	10q26.11
RefSeq ORF:	1071
Synonyms:	FAM45A
Summary:	Guanine nucleotide exchange factor (GEF) regulating homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion, possibly through activating Rab proteins such as RAB27A and RAB27B. Seems to promote the exchange of GDP to GTP, converting inactive GDP-bound RAB27A and RAB27B into their active GTP-bound form. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DENND10 protein (Cat# TP304659). The protein was produced from HEK293T cells transfected with DENND10 cDNA clone (Cat# [RC204659]) using MegaTran 2.0 (Cat# [TT210002]).