

Product datasheet for TP762215

TMEM30B (NM_001017970) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human transmembrane protein 30B (TMEM30B), Ser57-Arg284, with N-terminal 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(Ser57-Arg284) of TMEM30B
Tag:	N-His
Predicted MW:	25.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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_001017970
Locus ID:	161291
UniProt ID:	Q3MIR4
RefSeq Size:	4443
Cytogenetics:	14q23.1
RefSeq ORF:	1053
Synonyms:	CDC50B

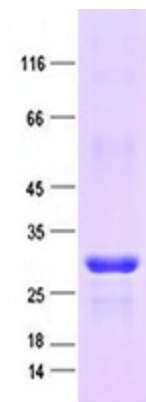

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Summary:

Accessory component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. The beta subunit may assist in binding of the phospholipid substrate (Probable). Can mediate the export of alpha subunits ATP8A1, ATP8B1, ATP8B2 and ATP8B4 from the ER to the plasma membrane.[UniProtKB/Swiss-Prot Function]

Protein Families:

Transmembrane

Product images:


Purified recombinant protein TMEM30B was analyzed by SDS-PAGE gel and Coomassie Blue Staining.