

Recombinant Human USO1 Protein, MYC/DDK-tagged

Cat. No. USO1-679H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human USO1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	107.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	USO1 vesicle transport factor[Homo sapiens]
Official Symbol	USO1
Synonyms	P115; TAP; VDP
Gene ID	8615
mRNA Refseq	NM_003715.2
Protein Refseq	NP_003706.1
MIM	603344
UniProt ID	O60763

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