

Product datasheet for **TP307614**

Vesicle docking protein p115 (USO1) (NM_003715) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human USO1 homolog, vesicle docking protein (yeast) (USO1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207614 representing NM_003715 Red =Cloning site Green =Tags(s)

MNFLRGVMGGQSAGPQHTEAETIQKLCDRVASSTLLDDRRNAVRALKSLSKKYRLEVGIQAMEHLIHVLQ
TDRSDSEIIGYALDILYNIISNEEEEEVEENSTRQSEDLGSGFTEIFIKQQENVTLTLLSLEEFDFHVRW
PGVKLLTSLLKQLGPVQVQIILVSPMGVSRLMDLLADSREVIRNDGVLLQALTRSNQAIQKIVAFENAF
ERLLDIIEEGNSDGGIVVEDCLILLQNLKNNNSNQNFKEGSYIQRMKPWFVGDENSGWSAQKVTNL
HLMLQLVRVLVSPTNPPGATSSCQKAMFQCGLLQQLCTILMATGVPADILTETINTVSEVIRGCQVNQDY
FASVNAPSNPPRPAIVVLLMSMVNERQPFVLRCAVLYCFQCFLYKNQKGQGEIVSTLLPSTIDATGNSVS
AGQLLCGGLFSTDLSNWCAVALAHALQENATQKEQLLRVQLATSIGNPPVSLLQQCTNLSQGSKIQT
RVGLLMLLCTWLSNCPIAVTHFLHNSANVPFLTGTQIAENLGEELVQGLCALLLGISYFNDNSLESYM
KEKQKQIEKRIGKENFIEKLGFIKHELYSRASQKPQPNFSPPEYMFDFHEFTKLKVELEGVITKAIYK
SSEEDKKEEEVKKTLEQHDNIVTHYKNMIREQDLQLEELRQQVSTLKCQNEQLQTAVTQQVSQIQQHKD
Q
YNLLKIQLGKDNQHQQGSYSEGAQMNGIQPEEIGRLREEIEELKRNQELLQSQLTEKDSMIENMKSSQTSG
TNEQSSAIVSARDSEQVAELKQELATLKSQNSQSVEITKLQTEKQELLQKTEAFKSVQGETETIIA
TKTTDVEGRSALLQETKELKNEIKALSEERTAIKEQLDSSNSTIALQTEKDKLEITDSKKEQDDLL
VLLADQDQKILSLKNKLDLGHVPVEEEDLESQDQEDDESEDPGKDLDDHI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

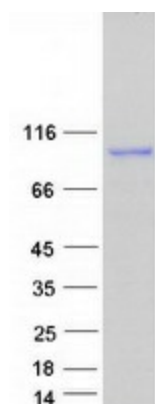
Tag:	C-Myc/DDK
Predicted MW:	107.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



[View online »](#)

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_003706</u>
Locus ID:	8615
UniProt ID:	<u>O60763</u>
RefSeq Size:	3998
Cytogenetics:	4q21.1
RefSeq ORF:	2886
Synonyms:	P115; TAP; VDP
Summary:	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]

Product images:



Coomassie blue staining of purified USO1 protein (Cat# TP307614). The protein was produced from HEK293T cells transfected with USO1 cDNA clone (Cat# [RC207614]) using MegaTran 2.0 (Cat# [TT210002]).