

## Product datasheet for TP511310

### Uso1 (NM\_019490) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse USO1 vesicle docking factor (Uso1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211310 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNFLRGVMGGQSAGPQHTEAETIQKLCDRVASSTLLDDRRNAVRALKSLSKKYRLEVGIQAMEHLIHVLQ  
TDRSDSEIIAYALDTLYNIISNDEEELEENSTRQSEDLGSQFTEIFIKQPENVTLLLSLLEEFDFHVRW  
PGVRLTSLKQLGPPVQIILVSPMGVSRMLDLLADSREIIRNDGVLLLQALTRSNGAIQKIVAFENAF  
ERLLDIITEEGNSDGGIVVEDCLILLQNLKTNNSNQNFKEGSYIQRMKPWFEVGEENSGWSAQKVTNL  
HMLQLVRVLVSPNPPGATSSCQKAMFQCGLLQQLCTILMATGIPADILTETINTVSEVIRGCQVNQDY  
FASVNAPSNPPRAIVLLMSMVNERQPFVLRCAVLYCFQCFLYKNEKGQGEIVATLLPSTIDATGNSVS  
AGQLLCGGLFSTDLSLNWCAVALAHALQGNATQKEQLLRVQLATSIGNPPVSLQOCTNLSQGSKIQT  
RVGLLMLLCTWLSNCPAIVTHFLHNSANVPFLTGQIAENLGEELVQGLCALLLGISYFNDNSLENYT  
KEKCLKLIEKRIGKENFIEKLGFIKHELYSRASQKQPQNFPSPEYMFIDHEFTKLVELEGVITKAIYK  
SSEEDKKEEEVKKTLEQHDNIVTHYKNMIREQDLQLEELKQVSTLKCQNEQLQTAVTQQASIQQHKDQ  
YNLLKVQLGKDNHHQGSHGDGAQVNGIQPEEISRLREEIEELKSQALLQGQLAEKDSLLENLKSQASG  
MSEQASATCPPRDPEQVAELKQELTALKSQLCSQSLEITRLQTENCELLQRAETLAKSVPVEGESEHVSA  
AKTTDVEGRLSALLQETKELKNEIKALSEERTAIQKQLDSSNSTIAILQTEKDKLDLEVTDSKKEQDDLL  
VLLADQDQKILSLKSKLKD LGHPVEEEDSGDQEDDDDEIDDGDKDQDI

**TRTRPLEQLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	107 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_062363</a>
<b>Locus ID:</b>	56041
<b>UniProt ID:</b>	<a href="#">Q9Z1Z0</a>
<b>RefSeq Size:</b>	3914
<b>Cytogenetics:</b>	5 E2
<b>RefSeq ORF:</b>	2880
<b>Synonyms:</b>	115kDa; TAP; Vdp
<b>Summary:</b>	General vesicular transport factor required for intercisternal transport in the Golgi stack; it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor by interacting with the target membrane and holding the vesicular and target membranes in proximity.[UniProtKB/Swiss-Prot Function]