

Product datasheet for **TP324274M**

STEAP3 (NM_018234) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human STEAP family member 3 (STEAP3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224274 protein sequence Red =Cloning site Green =Tags(s)

MPEEMDKPLISLHLVDSDSLAKVPDEAPKVGILGSGDFARSLATRLVSGGFKVWVGSRNPKRTARLFPS
AAQVTFQEEAVSSPEVIFVAVFREHYSSLCSLSDQLAGKILVDVSNPTEQEHLQHRESNAEYLAFLPTC
TVVKAFNVISAWTLQAGPRDGNRQVPICGDQPEAKRAVSEMALAMGFMPVDMGSLASAVEVEAMPLRLLP
AWKVPTLLALGLFVCFYAYNFVRDVLQPYVQESQNKFFKLPVSVVNTTLPVAVVLLSLVYLPGLAAAL
QLRRGTKYQRFDPDLDHWLQHRKQIGLLSFFCAALHALYSFCLPLRRAHRYDLVNLAVKQVLANKSHLWV
EEEVWRMEIYLSLGLVLAGTSLAVTSLPSIANSLNWREFSFVQSSLGFVALVSTLHTLTYGWTRAFE
ESRYKFYLPPTFTLLVPCVVILAKALFLLPCISRRLARIRRGWERESTIKFTLPTDHALAEKTSHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

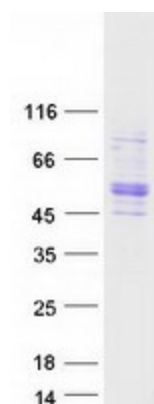
Tag:	C-Myc/DDK
Predicted MW:	54.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	NP_060704



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Locus ID:	55240
UniProt ID:	Q658P3 , A1P3F0
RefSeq Size:	3938
Cytogenetics:	2q14.2
RefSeq ORF:	1464
Synonyms:	AHMIO2; dudlin-2; dudulin-2; pHyde; STMP3; TSAP6
Summary:	This gene encodes a multipass membrane protein that functions as an iron transporter. The encoded protein can reduce both iron (Fe ³⁺) and copper (Cu ²⁺) cations. This protein may mediate downstream responses to p53, including promoting apoptosis. Deficiency in this gene can cause anemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]
Protein Families:	Transmembrane
Protein Pathways:	p53 signaling pathway

Product images:



Coomassie blue staining of purified STEAP3 protein (Cat# [TP324274]). The protein was produced from HEK293T cells transfected with STEAP3 cDNA clone (Cat# [RC224274]) using MegaTran 2.0 (Cat# [TT210002]).