

## Product datasheet for **TP310595**

### STEAP3 (NM\_001008410) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human STEAP family member 3 (STEAP3), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210595 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPEEMDKPLISLHLVDSDSLAKVPDEAPKVGILGSGDFARSLATRLVSGGFKVWVGSRNPKRTARLFPS  
AAQVTFQEEAVSSPEVIFVAVFREHYSSLCSLSDQLAGKILVDVSNPTEQEHLQHRESNAEYLAFLPTC  
TVVKAFNVISAWTLQAGPRDGNRQVPICGDQPEAKRAVSEMALAMGFMPVDMGSLASAVEVEAMPLRLLP  
AWKVPTLLALGLFVCFYAYNFVRDVLQPYVQESQNKFFKLPVSVVNTTLPVAVVLLSLVYLPGLAAAL  
QLRRGTKYQRFDPDLDHWLQHRKQIGLLSFFCAALHALYSFCLPLRRAHRYDLVNLAVKQVLANKSHLWV  
EEEVWRMEIYLSLGLVALGTLSELLAVTSLPSIANSLNWREFSFVQSSLGFVALVSTLHTLTYGWTRAFE  
ESRYKFYLPPTFTLLVPCVVILAKALFLLPCISRRLARIRRGWERESTIKFTLPTDHALAEKTSHV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

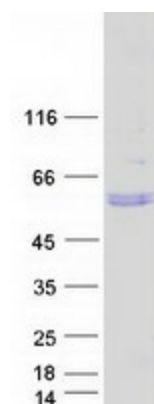
Tag:	C-Myc/DDK
Predicted MW:	54.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_001008410</a>



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Locus ID:	55240
UniProt ID:	<a href="#">Q658P3</a> , <a href="#">A1P3F0</a>
RefSeq Size:	3870
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 <sup>3+</sup> ) and copper (Cu <sup>2+</sup> ) 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# TP310595). The protein was produced from HEK293T cells transfected with STEAP3 cDNA clone (Cat# [RC210595]) using MegaTran 2.0 (Cat# [TT210002]).