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# STEAP3 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Image



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Overview		
Quantity:	20 μg	
Target:	STEAP3	
Protein Characteristics:	Transcript Variant 2	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This STEAP3 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	Recombinant human STEAP3 / TSAP6 (transcript variant 2) protein expressed in HEK293	
	cells.  • Produced with end-sequenced ORF clone	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	STEAP3	
Alternative Name:	Steap3,tsap6 (STEAP3 Products)	
Background:	This gene encodes a multipass membrane protein that functions as an iron transporter. The	
	encoded protein can reduce both iron (Fe3+) and copper (Cu2+) cations. This protein may	
	mediate downstream responses to p53, including promoting apoptosis. Deficiency in this gene	

#### Target Details

	can cause anemia. Alternative splicing results in multiple transcript variants.	
Molecular Weight:	54.4 kDa	
NCBI Accession:	NP_060704	
Pathways:	Transition Metal Ion Homeostasis	

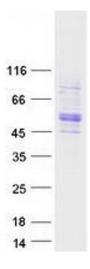
### **Application Details**

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

## Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot