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Datasheet for ABIN2732840

STEAP3 Protein (Transcript Variant 3) (Myc-DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	STEAP3
Protein Characteristics:	Transcript Variant 3
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:	<ul style="list-style-type: none">• Recombinant human STEAP3 / TSAP6 (transcript variant 3) 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 (Fe ³⁺) and copper (Cu ²⁺) 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_001008410](#)

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

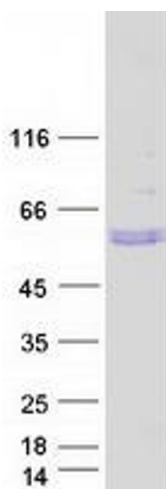
Concentration: 50 µg/mL

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