

Product datasheet for PH303970

STEAP1 (NM_012449) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STEAP1 MS Standard C13 and N15-labeled recombinant protein (NP_036581)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203970
Predicted MW:	39.9 kDa
Protein Sequence:	>RC203970 protein sequence Red=Cloning site Green=Tags(s) MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAHADEFDCPSELQHTQELFPQ WHLPIKIAAIIASLTFLYTLLREVIHPLATSHQQYFYKIPILVINKVLPMSITLLALVYLPGVIAAIVQ LHNGTKYKKFPHWLDKWMLTRKQFGLLSFFFAVLHAIYSLSYPMRRSYRYKLLNWAYQQVQNKEDAWIE HDVWRMEIYVSLGIVGLAILALLAVTSIPSVSDSLTWREFHYIQSKLGIVSLLLTGTIHALIFAWNKWIDI KQFVWYTPPTFMIAVFLPIVVLIFKSILFLPCLRKKILKIRHGWEDVTKINKTEICSQL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036581
RefSeq Size:	1330
RefSeq ORF:	1017
Synonyms:	PRSS24; STEAP
Locus ID:	26872



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UniProt ID: [Q9UHE8](#)

Cytogenetics: 7q21.13

Summary: This gene is predominantly expressed in prostate tissue, and is found to be upregulated in multiple cancer cell lines. The gene product is predicted to be a six-transmembrane protein, and was shown to be a cell surface antigen significantly expressed at cell-cell junctions. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified STEAP1 protein (Cat# [TP303970]). The protein was produced from HEK293T cells transfected with STEAP1 cDNA clone (Cat# [RC203970]) using MegaTran 2.0 (Cat# [TT210002]).