

Product datasheet for PH303970

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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:HumanExpression Host:HEK293

Expression cDNA Clone

RC203970

or AA Sequence: Predicted MW:

39.9 kDa

Protein Sequence: >RC203970 protein sequence

Red=Cloning site Green=Tags(s)

MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAHADEFDCPSELQHTQELFPQWHLPIKIAAIIASLTFLYTLLREVIHPLATSHQQYFYKIPILVINKVLPMVSITLLALVYLPGVIAAIVQLHNGTKYKKFPHWLDKWMLTRKQFGLLSFFFAVLHAIYSLSYPMRRSYRYKLLNWAYQQVQQNKEDAWIEHDVWRMEIYVSLGIVGLAILALLAVTSIPSVSDSLTWREFHYIQSKLGIVSLLLGTIHALIFAWNKWIDI

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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



STEAP1 (NM_012449) Human Mass Spec Standard - PH303970

UniProt ID: Q9UHE8

Cytogenetics: 7q21.13

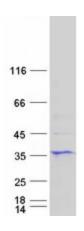
Summary: This gene is predominantly expressed in prostate tissue, and is found to be upregulated in

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]).