

Product datasheet for PH314361

DUSP27 (DUPD1) (NM_001003892) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DUPD1 MS Standard C13 and N15-labeled recombinant protein (NP_001003892)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214361
Predicted MW:	25.2 kDa
Protein Sequence:	>RC214361 representing NM_001003892 Red=Cloning site Green=Tags(s) MTSGEVKTSLKNAAYSSAKRLSPKMEEEGEEEDYCTPGAFELERLFWKGSPQYTHVNEVWPKLYIGDEATA LDRYRLQKAGFTHVLNAAHGRWNVDTGPDYYRDMDIQYHGVEADDLPTFDLSVFFYPAAAFIDRALSDDH SKILVHCVMGRSRSATLVLAYLMIHKDMTLVDAIQQVAKNRCVLPNRFGLKQLRELDKQLVQQRRRSQRQ DGEEEDGREL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_001003892
RefSeq Size:	663
RefSeq ORF:	660
Synonyms:	DUPD1; DUSP27; FMDSP
Locus ID:	338599
UniProt ID:	Q68J44



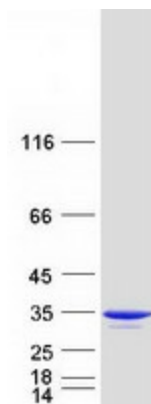
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Cytogenetics: 10q22.2

Summary: Dual specificity phosphatase able to dephosphorylate phosphotyrosine, phosphoserine and phosphothreonine residues, with a preference for phosphotyrosine as a substrate.
[UniProtKB/Swiss-Prot Function]

Protein Families: Phosphatase

Product images:



Coomassie blue staining of purified DUPD1 protein (Cat# [TP314361]). The protein was produced from HEK293T cells transfected with DUPD1 cDNA clone (Cat# [RC214361]) using MegaTran 2.0 (Cat# [TT210002]).