

Recombinant Human DUPD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DUPD1-6116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DUPD1 MS Standard C13 and N15-labeled recombinant protein (NP_001003892) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Dual specificity phosphatase able to dephosphorylate phosphotyrosine, phosphoserine and phosphothreonine residues, with a preference for phosphotyrosine as a substrate.
Molecular Mass	25.2 kDa
AA Sequence	MTSGEVKTSKLNAYSSAKRLSPKMEEEEEEEEEDYCTPGAFELERLFWKGSPQYTHV NEVWPKLYIGDEATALDRYRLQKAGFTHVLNAAHGRWNVDTPDYRDMDIQYHG VEADDLPTFDLSVFFYPAAAFIDRALSDDHISKILVHCVMGRRSATLVLAYLMIHKDM TLVDAIQQVAKNRCVLPNRGFLKQLRELDKQLVQQRRRSQRQDGEEEDGRELTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DUPD1 dual specificity phosphatase and pro isomerase domain containing 1 [Homo sapiens (human)]
Official Symbol	DUPD1
Synonyms	DUPD1; dual specificity phosphatase and pro isomerase domain containing 1; dual specificity phosphatase DUPD1; DUSP27; dual specificity phosphatase 27; atypical dual-specific protein phosphatase; FMDSP;
Gene ID	338599
mRNA Refseq	NM_001003892
Protein Refseq	NP_001003892
MIM	618574
UniProt ID	Q68J44

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