

Recombinant Human DUSP13 Protein, MYC/DDK-tagged

Cat. No. DUSP13-2716H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP13 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues. A protein encoded by the upstream ORF was found in skeletal muscle, whereas the encoded protein from the downstream ORF was found only in testis. In mouse, a similar pattern of expression was found. Multiple alternatively spliced transcript variants were described, but the full-length sequence of only some were determined.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.3 kDa

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Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name DUSP13 dual specificity phosphatase 13 [Homo sapiens]

Official Symbol DUSP13

Synonyms BEDP; DUSP13A; DUSP13B; MDSP; SKRP4; TMDP

Gene ID 51207

mRNA Refseq NM_001007271

Protein Refseq NP_001007272

MIM 613191

UniProt ID Q6B8I1

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