

Product datasheet for **TP306095L**

DUSP19 (NM_080876) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dual specificity phosphatase 19 (DUSP19), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206095 protein sequence Red =Cloning site Green =Tags(s)
	 MYSLNQEIKAFSRNNLRKQCTRVTTLTGKKIETWKDARIHWEEVEPSSGGGCGVYQDLSSDLQVGVIK PWLLLSQDAAHDLDTLKKNKVTHILNVAYGVENAFSLDFTYKISILDLPETNILSYFPECFEIEEAK RKDGVLVHCNAGVSRAAAIVIGFLMNSEQTSFTSAFSLVKNARPSICPNSGFMEQLRTYQEGKESNKCD RIQENSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	24 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_543152
Locus ID:	142679



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UniProt ID: [Q8WTR2](#)
RefSeq Size: 5379
Cytogenetics: 2q32.1
RefSeq ORF: 651
Synonyms: DUSP17; LMWDSP3; SKRP1; TS-DSP1

Summary: Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP19 contains a variation of the consensus DUSP C-terminal catalytic domain, with the last serine residue replaced by alanine, and lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]).[supplied by OMIM, Dec 2009]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified DUSP19 protein (Cat# [TP306095]). The protein was produced from HEK293T cells transfected with DUSP19 cDNA clone (Cat# [RC206095]) using MegaTran 2.0 (Cat# [TT210002]).