

Product datasheet for TP306095L

OriGene Technologies, Inc.

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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 >RC206095 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MYSLNQEIKAFSRNNLRKQCTRVTTLTGKKIIETWKDARIHVVEEVEPSSGGGCGYVQDLSSDLQVGVIK PWLLLGSQDAAHDLDTLKKNKVTHILNVAYGVENAFLSDFTYKSISILDLPETNILSYFPECFEFIEEAK RKDGVVLVHCNAGVSRAAAIVIGFLMNSEQTSFTSAFSLVKNARPSICPNSGFMEQLRTYQEGKESNKCD

RIQENSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24 kDa

Concentration: $>0.05 \mu g/\mu L$ 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





UniProt ID:Q8WTR2RefSeq Size:5379Cytogenetics:2q32.1RefSeq ORF:651

Synonyms: DUSP17; LMWDSP3; SKRP1; TS-DSP1

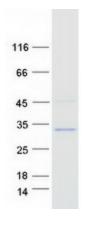
Summary: Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type

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]).