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Product datasheet for AR50142PU-S

DUSP19 (65-217, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DUSP19 (65-217, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQVGVIKP WLLLGSQDAA HDLDTLKKNK VTHILNVAYG VENAFLSDFT YKSISILDLP ETNILSYFPE CFEFIEEAKR KDGVVLVHCN AGVSRAAAIV IGFLMNSEQT SFTSAFSLVK NARPSICPNS GFMEQLRTYQ EGKESNKCDR IQENSS
Tag:	His-tag
Predicted MW:	19.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DUSP19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001135786
Locus ID:	142679
UniProt ID:	Q8WTR2
Cytogenetics:	2q32.1
Synonyms:	DUSP17; LMWDSP3; SKRP1; TS-DSP1

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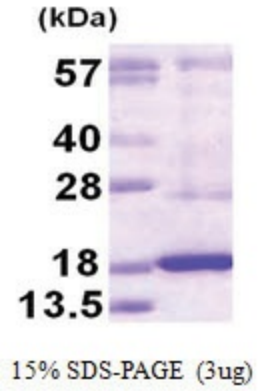
Summary: Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators 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:



15% SDS-PAGE (3ug)