Recombinant Human DUSP19 Protein, GST-tagged

Cat. No. DUSP19-2932H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DUSP19 full-length ORF (AAH35000, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	49.61 kDa
AA Sequence	MYSLNQEIKAFSRNNLRKQCTRVTTLTGKKIIETWKDARIHVVEEVEPSSGCGCGYV QDLSSDLQVGVIKPWLLLGSQDAAHDLDTLKKNKVTHILNVAYGVENAFLSDFTYKSI SILDLPETNILSYFPECFEFIEEAKRKDGVVLVHCNAGVSRAAAIVIGFLMNSEQTSFT SAFSLVKNARPSICPNSGFMEQLRTYQEGKESDKCDRIQENSS
Applications	Enzyme-linked Immunoabsorbent Assay

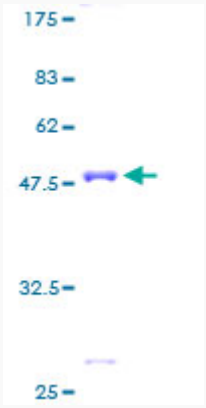
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DUSP19 dual specificity phosphatase 19 [Homo sapiens]
Official Symbol	DUSP19
Synonyms	DUSP19; dual specificity phosphatase 19; dual specificity protein phosphatase 19; DUSP17; SKRP1; LMW-DSP3; protein phosphatase SKRP1; dual specificity phosphatase TS-DSP1; SAPK pathway-regulating phosphatase 1; low molecular weight dual specificity phosphatase 3; stress-activated protein kinase pathway-regulating phosphatase 1; LMWDSP3; TS-DSP1; MGC138210;
Gene ID	142679
mRNA Refseq	NM_001142314
Protein Refseq	NP_001135786
MIM	611437
UniProt ID	Q8WTR2

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA