

DUSP19, 65-217aa, Human, His tag, E.coli

Cat.NO.: TP01935

3th Edition

Synonyms:Dual specificity phosphatase 19, DUSP17, SKRP1, TS-DSP1.

Description:Dual specificity phosphatase 19, also known as DUSP19, is a member of the dual specificity protein phosphatase subfamily. 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 is a protein phosphatase which functions as a stress-activated protein kinase pathway-regulating phosphatase.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Molecular Weight:19.4 kDa (176aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSQVGVKIPWLLLSQDAAHDLDTLKKNKVTHILNVAYGVENAFSLDFTYKSISI
LDLPETNILSYFPECFEFIEEAKRKDGVVLVHCNAGVSRAAAIVIGFLMNSEQTSFTSAFSLVKNARPSICPNISGFME
QLRTYQEGKESNKCDRIQENSS

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.