

Recombinant Human DUSP26 protein, His-tagged

Cat. No. DUSP26-2324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP26(1-211aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-211 a.a.
Description	DuSP26 inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity. This protein inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. DuSP26 can also induce activation of MAP kinase p38 and c-Jun N-terminal kinase (JNK).
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Molecular Mass	26.3 kDa (234aa)
AA Sequence	MGSSHHHHH SGLVPRGSH MGSMCPGNWL WASMTFMARF SRSSSRSPVR TRGTLEEMPT VQHPFLNVFE LERLLYTGKT ACNHADEVWPGLYLGDDMA NNRRELRLRG ITHVLNASHS RWRGTPEAYE GLGIRYLGVE AHDSPAFDMS IHFQTAADFI HRALSQPGGK ILVHCAVGVSRSATLVLAYL MLYHHHTLVE AIKKVKDHRG IIPNRGFLRQ LLALDRRLRQ GLEA

 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

Purity	> 85% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	DUSP26 dual specificity phosphatase 26 (putative) [Homo sapiens]
Official Symbol	DUSP26
Synonyms	DUSP26; dual specificity phosphatase 26 (putative); dual specificity protein phosphatase 26; DUSP24; MGC1136; DSP-4; MKP-8; MAP kinase phosphatase 8; dual specificity phosphatase SKRP3; dual-specificity phosphatase SKRP3; mitogen-activated protein kinase phosphatase 8; Novel amplified gene in thyroid anaplastic cancer; low-molecular-mass dual-specificity phosphatase 4; MKP8; LDP-4; NATA1; SKRP3; MGC2627;
Gene ID	78986
mRNA Refseq	NM_024025
Protein Refseq	NP_076930
MIM	
UniProt ID	Q9BV47

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Chromosome

8p12

Location

Function

hydrolase activity; protein binding; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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