

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	MGSSHHHHHH SSGLVPRGSH MGSMCPGNWL WASMTFMARF SRSSSRSPVR TRGTLEEMPT VQHPFLNVFE LERLLYTGKT ACNHADEVWPGLYLGDQDMA NNRRELRRLG ITHVLNASHS RWRGTPEAYE GLGIRYLGVE AHDSPAFDMS IHFQTAADFI HRALSQPGGK ILVHCAVGVSRSATLVLAYL MLYHHLTLVE AIKKVKDHRG IIPNRGFLRQ LLALDRRLRQ GLEA

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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 Location	8p12
Function	hydrolase activity; protein binding; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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