

# Human DUSP10 Recombinant Protein



RPPB1591

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## Product Information    Protein Information

**Product SKU:**

RPPB1591

**Accession:**

Q9Y6W6

**Host:**

E.coli.

**Protein description:**

DUSP10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 359 amino acids (149-482) and having a molecular mass of 40.4kDa. DUSP10 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Dual specificity protein phosphatase 10, dual specificity phosphatase MKP-5, MKP-5, MAP kinase phosphatase 5, Mitogen-activated protein kinase phosphatase 5, serine/threonine specific protein phosphatase, EC 3.1.3.16, EC 3.1.3.48.

**Formulation:**

The DUSP10 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 50% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMMIYPN DLAKKMTKCS KSHLPSQGPV IIDCRPFMEY NKSHIQGAVH  
INCADKISRR RLQQGKITVL DLISCREGKD SFKRIFSKEI IVYDENTNEP SRVMPSQPLH IVLESKREG  
KEPLVLKGGI SSFKQNHENL CDNSLQLQEC REVGGGASAA SLLPQPIPT TPDINAELT PILPFLFLGN  
EQDAQDLDTM QRLNIGYVIN VTTHLPLYHY EKGLFNYKRL PATDSNKQNL RQYFEEAFEF IEEAHQCGKG  
LLIHCQAGVS RSATIVIAYL MKHTRMTMTD AYKFVKGKRP IISPNLNFMG QLLEFEEDLN NGVTPRILTP  
KLMGVETVV.