

Recombinant Human MPHOSPH10 Protein, GST-tagged

Cat. No. MPHOSPH10-5497H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPHOSPH10 full-length ORF (BAG51817.1, 1 a.a. - 660 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that is phosphorylated during mitosis. The protein localizes to the nucleolus during interphase and to the chromosomes during M phase. The protein is thought to be part of the U3 small nucleolar ribonucleoprotein complex, which is involved in rRNA processing. [provided by RefSeq]
Molecular Mass	99 kDa
AA Sequence	MAPQVWRRRTLRLCLTEVGKATGRPECFLTQIEGLASKFTSLTKVLYDFNKKILENGRI HGSPLQKLVIANFDDEQIWQQLELQNEPILQYFQNAVSETINDEDISLLPESEEQERE EDGSEIEADDKEDLEDLEEEVSDMGNDPEMGERAENSSKSDLRKSPVFSDEDS DLDFDISKLEQQSKVQNGQGKPREKSIVDDKFFKLSEMEAYLENIEKEEERKDDND DEEEDIDFFEDIDSDEDEGLFGSKKLKSGKSSRNLYKDFFDPVESDEDITNVHDD ELDSNKEDDEIAEEEEAEELSISETDEDDDLQENEDNKQHKESLKRVTFALPDDAETE DTGVLNVKKNSEVKSSFQEKQKMKNEKIASLEKELLEKKPWQLQGEVTAQKRPN SLLEETLHFDHAVRMAPVITEETTLQLEDIIKQRIRDQAWDDVVRKEKPKEDAYEYKK RLTLDHEKSKLSLAEIYEQEYIKLNQQKTAEENPEHVEIQKMMDSLFLKLDALS NFH FIPKPPVPEIKVVSNLPAITMEEVAPVSVSDAALLAPEEIKEKNKAGDIKTAAEKTATDK

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KRERRKKKYQKRMKIKEKEKRRKLLEKSSVDQAGKYSKTVASEKLKQLTKTGKASFI
KDKGKDKALKSSQAFFSKLQDQVKMQIND

Applications

Enzyme-linked Immunoabsorbent Assay
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

MPHOSPH10 M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein) [*Homo sapiens*]

Official Symbol

MPHOSPH10

Synonyms

MPHOSPH10; M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein); U3 small nucleolar ribonucleoprotein protein MPP10; CT90; MPP10; MPP10P; m phase phosphoprotein 10;

Gene ID

10199

mRNA Refseq

NM_005791

Protein Refseq

NP_005782

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MIM	605503
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UniProt ID	O00566
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