

Recombinant Human MPHOSPH10 Protein, GST-tagged

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

SPECIFICATION

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| 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 | <pre> MAPQVWRRRTLERCLTEVGKATGRPECFLTIQEGGLASKFTSLTKVLYDFNKKILENGRI HGSPLQKLVIANFDDEQIWQQLELQNEPILQYFQNAVSETINDEDISLLPESEEQERE EDGSEIEADDKEDLEDLEEEVSDMGNDPEMGERAENSSKSDLRKSPVFSDEDS DLDFDISKLEQQSKVQNKGGKPREKSIVDDKFFKLSEMEAYLENIEKEEERKDDND DEEEDIDFFEDIDSDEDEGLFGSKKLKSGKSSRNLYKDFDFDPVESDEDITNVHDD ELDSNKEDDEIAEEEAELSISETDEDDDLQENEDNKQHKESLKRVTFALPDDAETE DTGVLNVKNSDEVKSSFQKQEKMKNEKIASLEKELLEKKPWQLQGEVTAQKRPN SLLEETLHFDHAVRMAPVITEETTLQLEDIIKQRIRDQAWDDVVRKEKPKEDAYEYKK RLTLDHEKSKLSLAEIYEQEYIKLNQQKTAEEENPEHVEIQKMMDSLFLKLDALS NFH FIPKPPVPEIKVVSNLPAITMEEVAPVSVSDAALLAPEEIKEKNKAGDIKTA AEKTATDK </pre> |

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KRERRKKKYQKRMKIKEKEKRRKLEKSSVDQAGKYSKTVASEKCLKQLTKTGKASFI
KDKGKDKALKSSQAFFSKLQDQVKMQIND

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| 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

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|------------------------|--|
| 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 |
| UniProt ID | O00566 |

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