

Recombinant Human Mitotic spindle-associated MMXD complex subunit MIP18(FAM96B)

Catalog No: #AP77019

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Package Size: #AP77019-1 20ug #AP77019-2 100ug #AP77019-3 1mg

Description

Product Name	Recombinant Human Mitotic spindle-associated MMXD complex subunit MIP18(FAM96B)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-163aaSequence Info:Full Length
Other Names	MSS19-interacting protein of 18KDA Protein FAM96B
Accession No.	Q9Y3D0
Uniprot	Q9Y3D0
GeneID	51647;
Calculated MW	44.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	VGGGGVGGGLLENANPLIYQSRGERPVTAGEEDEQVPDSIDAREIFDLIRSINDPEHPLTLEELNVVEQVRVQV SDPESTVAVAFPTPTIPHCSMATLIGLSIKVKLLRSLPQRFKMDVHITPGTHASEHAVNKQLADKERVAAALENTH LLEVVNQCLSARS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe,S proteins. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation, probably by facilitating iron-sulfur cluster assembly into ERCC2,XPD.

References

"MMXD, a TFIIF-independent XPD-MMS19 protein complex involved in chromosome segregation."

Ito S., Tan L.J., Andoh D., Narita T., Seki M., Hirano Y., Narita K., Kuraoka I., Hiraoka Y., Tanaka K.

Mol. Cell 39:632-640(2010)Research Topic:Cell Biology

Note: This product is for in vitro research use only