

Recombinant Human MIPEP Protein, GST-tagged

Cat. No. MIPEP-5348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MIPEP full-length ORF (AAH09934.1, 1 a.a. - 713 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The product of this gene performs the final step in processing a specific class of nuclear-encoded proteins targeted to the mitochondrial matrix or inner membrane. This protein is primarily involved in the maturation of oxidative phosphorylation (OXPHOS)-related proteins. This gene may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia. [provided by RefSeq]
Molecular Mass	104.83 kDa
AA Sequence	MLCVGRLGGLGARAAALPPRRAGRGSL EAGIRARRVSTSWSPVGAAFNVPQGSR LDLFGERRGLFGVPELSAPEGFHIAQE KALRKTELLVDRACSTPPGPQTVLIFDELS SLCRVADLADFVKIAHPEPAFREAAEEACRSIGTMVEKLNTNVDLYQSLQKLLADKKL VDSLDPETRRVAELFMDFEISGIHLDKEKRKRAVDLNVKILDLSSTFLMGTFNFPNKIE KHLLPEHIRRNFTSAGDHIIDGLHAESPD DLVREAAAYKIFLYPNAGQLKCLEELLSSR DLLAKLVGYSTFSHRALQG TIAKNPETVMQFLEKLSDKLSERTLKDFEMIRGMKMKL NPQNSEVMPWDPPYYSGVIRAERYNIEPSLYCPFFSLGACMEGLNILLNRLLGISLYA EQPAKGEVWSEDVRKLAVVHESEGLLG YIYCDDFFQRADKPHQDCHFTIRGGRLKED

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GDYQLPVVLMNLPRSSRSPTLLTPGMMENLFHEMGMHSMGLGRTRYQHVTG
TRCPTDFAEVPSILMEYFANDYRVVNQFARHYQTGQPLPKNMVSRLCESKKVCAAA
DMQLQVFYATLDQIYHGKHPLRNSTTDILKETQEKFYGLPYVPNTAWQLRFSHLVGY
GARYYSYLMSRAVASMVWKECFLQDPFNRAAGERYRREMLAHGGGPREPLMVEG
MLQKCPSVDDFVSALVSDLDLDFETFLMDSE

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

MIPEP mitochondrial intermediate peptidase [Homo sapiens]

Official Symbol

MIPEP

Synonyms

MIPEP; mitochondrial intermediate peptidase; MIP; HMIP;

Gene ID

4285

mRNA Refseq

NM_005932

Protein Refseq

NP_005923

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MIM	602241
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UniProt ID	Q99797
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