

# Recombinant Full Length Human MIPEP Protein, GST-tagged

Cat. No. MIPEP-6268HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MIPEP full-length ORF (AAH09934.1, 1 a.a. - 713 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	713 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	104.83 kDa
<b>AA Sequence</b>	MLCVGRLGGLGARAAALPPRRAGRGSLEAGIRARRVSTSWSPVGA AFNVKPQGSRLDLFGERRGLFGVPELSAPEGFHIAQEKALRKTELLVDRACSTPPGPQTVLIFDELSDSLCRVADLADFVKIAHPEPAFREAAEEACRSIGTMVEKLN TNVDLYQSLQKLLADKKLVDSLDPETRRVAELFMDFEISGIHLDKEKRKRAVDLNVKILDLSSTFLMG TNFPNKIEKHL LPEHIRRNFTSAGDHIIDGLHAESPDDL VREAA YKIFLYPNAGQLKCLEELLSSRDLLAKLVGYSTF SHRALQG TIAKNPETVMQFLEKLSDKLSERTLKDFEMIRGMKMKLNPQNSEVMPWDPPYYS G VIRAERYNIEPSLYCPFFSLGACMEGLNILLN RLLGISLYA

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



EQPAKGEVWSEdVRKLAVVHESEGLLGYYCDFFQRADKPHQDCHFTIRGGRLKED  
GDYQLPVVVLMLNLPRSSRSSPTLLTPGMMENLFHEMGMHAMHSMGLGRTRYQHVTG  
TRCPTDFAEVPSILMEYFANDYRVVNQFARHYQTGQPLPKNMVSRLCESKKVCAAA  
DMQLQVFYATLDQIYHGKHPLRNSTTDILKETQEKFYGLPYVPNTAWQLRFSHLVGY  
GARYYSYLMSRAVASMVWKECFLQDPFNRAAGERYRREMLAHGGGREGPMLMVEG  
MLQKCPDVDDFVSALVSDLDLDFETFLMDSE

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MIPEP mitochondrial intermediate peptidase [ Homo sapiens ]
<b>Official Symbol</b>	MIPEP
<b>Synonyms</b>	MIPEP; mitochondrial intermediate peptidase; MIP; HMIP;
<b>Gene ID</b>	4285
<b>mRNA Refseq</b>	NM_005932
<b>Protein Refseq</b>	NP_005923



<b>MIM</b>	602241
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<b>UniProt ID</b>	Q99797
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