



# Recombinant Human Mitochondrial intermediate peptidase (MIPEP)

<b>Product Code</b>	CSB-EP013835HU
<b>Abbreviation</b>	MIPEP
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q99797
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VSTSW SPVGAAFNVK PQGSRLDLFG ERRGLFGVPE LSAPEGFHIA QEKALRKTEL LVDRACSTPP GPQTVLIFDE LSDSLCRVAD LADFVKIAHP EPAFREAAEE ACRSIGTMVE KLNTNVDLYQ SLQKLLADKK LVDSLDPETR RVAELFMFDF EISGIHLDKE KRKRAVDLNV KILDLSSTFL MGTNFPNKIE KHLLPEHIRR NFTSAGDHII IDGLHAESPD DLVREAAKYI FLYPNAGQLK CLEELLSSRD LLAKLVGYST FSHRALQGTI AKNPETVMQF LEKLSDKLSE RTLKDFEMIR GMKMMLNPQN SEVMPWDPY YSGVIRAERY NIEPSLYCPF FSLGACMEGL NILLNRLGI SLYAEQPAKG EVWSEDVRKL AVVHESEGLL GYIYCDFFQR ADKPHQDCHF TIRGGRLKED GDYQLPVVVL MLNLPRSSRS SPTLLTPSMM ENLFHEMGA MHSMLGRTRY QHVTGTRCPT DFAEVPSILM EYFANDYRVV NQFARHYQTG QPLPKNMVSR LCESKKVCAA ADMQLQVFYA TLDQIYHGKH PLRNSTTDIL KETQEKFYGL PYVPNTAWQL RFSHLVGYGA RYYSYLMSRA VASMVWKECF LQDPFNRAAG ERYRREMLAH GGGREPMLMV EGMLQKCPV DDFVSALVSD LDLDFETFLM DSE
<b>Source</b>	E.coli
<b>Target Names</b>	MIPEP
<b>Protein Names</b>	Recommended name: Mitochondrial intermediate peptidase Short name= MIP EC= 3.4.24.59
<b>Expression Region</b>	36-713
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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