
Product Data Sheet

Product Name: IMMP2L Human
 Cat. No.: GP21826
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IMP2 Inner Mitochondrial Membrane Peptidase-Like (S.Cerevisiae); IMP2; IMP2 Inner Mitochondrial Membrane Protease-Like (S.Cerevisiae); IMMP2L Intronic Transcript 1 (Non-Protein Coding); MitochondrialInner Membrane Protease Subunit; Inner Mitochondrial Membrane Peptidase 2 Like;IMP2-Like Protein; EC 3.4.21.- ; IMMP2L-IT1;IMP2-LIKE; EC 3.4.21; Mitochondrial inner membraneprotease subunit 2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSRVEGASM QPSLNPGGSQ SSDVLLNHW KVRNFEVHRG DIVSLVSPKNPEQKIKRVI ALEGDIVRTI GHKNRYVKVP RGHIVVEGDH HGHSFDSNSF GPVSLGLLHA HATHILWPPERWQKLESVLP PERLPVQREE E.		
Formulation	IMMP2L protein solution (0.5mg/ml) containing 20mM Tris-HClbuffer (pH 8.0), 0.15M NaCl, 50% glycerol and 1mM DTT.		

Introduction

IMP2 Inner Mitochondrial Membrane Peptidase-Like (IMMP2L) is implicated in processing the signal peptide sequences, IMMP2L is used to direct mitochondrial proteins to the mitochondria. IMMP2L resides in the mitochondria and is one of the essential proteins for the catalytic activity of the mitochondrial inner membrane peptidase (IMP) complex. Two variants which encode the same protein have been found for IMMP2L.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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IMMP2L Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (38-175aa) and having a molecular mass of 18.0kDa.

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