

Recombinant Full Length Human Metalloendopeptidase Oma1, Mitochondrial(Oma1) (Active) Protein, His-Tagged

Cat. No. RFL1162HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Metalloendopeptidase OMA1, mitochondrial(OMA1) (Active) Protein (Q96E52) (14-524aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (14-524aa)

Form Lyophilized powder

AA Sequence

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HVFFRFNSLSNWRKCNTLASTSRGCHQVQVNHIVNKYQGLGVNQCDRWSFLPGNF
HFYSTFNKRTGGLSSTKSKEIWRITSKCTVWINDAFSRQLLIKEVTAVPSLSVLHPLS
PASIRAIRNFHTSPRFQAAPVPLLLMILKPVQKLFIIIVGRGIRKWWQALPPNKKEVVK
ENIRKNKWKLFLGLSSFLLFVVFYFTHLEVSPITGRSKLLLLGKEQFRLLESELEYEA
WMEEFKNDMLTEKDARYLAVKEVLCHLIECNKDVPGISQINWVIHVVDSPINAFVLP
NGQMFVFTGFLNSVTDIHQLSFLLGHEIAHAVLGHAAEKAGMVHLLDFLGMIFLTMIW
AICPRDSLALLCQWIQSKLQEYMFNRPYSRKLEAEADKIGLLAAKACADIRASSVFW
QQMEFVDSLHGQPKMPEWLSTHPSHG NRVEYLDRLIPQALKIREMCNCPPLSNPDP
RLLFKLSTKHFLEESEKEDLNITKKQKMDTLPIQKQEIQIPLTYIVEKRTGS
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Purity Greater than 90% as determined by SDS-PAGE.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	OMA1
Synonyms	OMA1; MPRP1; Metalloendopeptidase OMA1, mitochondrial; Metalloprotease-related protein 1; MPRP-1; Overlapping with the m-AAA protease 1 homolog
UniProt ID	Q96E52

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