

Recombinant Mouse Mtpn protein, His & GST-tagged

Cat. No. Mtpn-1535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mtpn aa. (Cys2~Gln118 (Accession # P62774)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Cys2~Gln118
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 5.3

GENE INFORMATION

Gene Name Mtpn myotrophin [*Mus musculus* (house mouse)]

Official Symbol Mtpn

Synonyms Mtpn; myotrophin; V1; Gcdp; 5033418D15Rik; granule cell differentiation protein; protein V-1

Gene ID 14489

mRNA Refseq NM_008098.4

Protein Refseq NP_032124.1

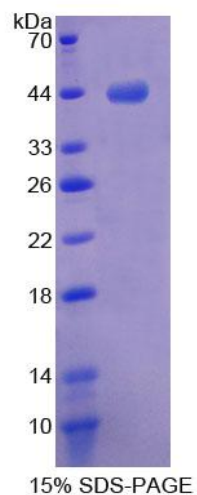
UniProt ID P62774

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SDS-PAGE



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