

Recombinant Mouse Prss8 Protein, His-tagged

Cat. No. Prss8-843M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PRSS8 (EDL17608.1) (Ala 30-Gln 289) was expressed, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Mouse
Source	Insect Cells
Protein Length	30-289 a.a.
Predicted N Terminal	Ala 30
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse PRSS8 consists of 270 amino acids and has a calculated molecular mass of 29.3 kDa. It migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

 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

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Prss8 protease, serine, 8 \(prostasin\) \[Mus musculus \]](#)

Official Symbol [Prss8](#)

Synonyms PRSS8; protease, serine, 8 (prostasin); prostasin; serine protease 8; channel activating protease 1; channel-activating protease 1; fr; CAP1; mCAP1; C79772; AI313909; 2410039E18Rik;

Gene ID [76560](#)

mRNA Refseq [NM_133351](#)

Protein Refseq [NP_579929](#)

MIM

UniProt ID

Function hydrolase activity; peptidase activity; serine-type peptidase activity; sodium channel regulator activity;

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