

Recombinant Mouse Cela1 protein, His-tagged

Cat. No. Cela1-7030M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cela1 aa. (Leu44~Met259) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu44~Met259
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 8.6.
Applications	Positive Control; Immunogen; SDS-PAGE; WB
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

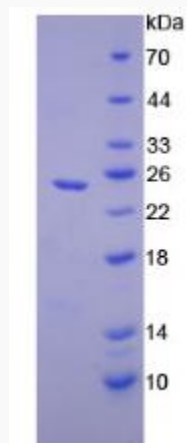
GENE INFORMATION

Gene Name	Cela1 chymotrypsin-like elastase family, member 1 [Mus musculus (house mouse)]
Official Symbol	Cela1
Synonyms	Cela1; chymotrypsin-like elastase family, member 1; Ela1; Ela-1; PC-TsF; 1810009A17Rik; 1810062B19Rik; chymotrypsin-like elastase family member 1; elastase 1, pancreatic; elastase-1
Gene ID	109901
mRNA Refseq	NM_033612.2
Protein Refseq	NP_291090.2
UniProt ID	Q91X79

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SDS-PAGE

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