Recombinant Mouse Cat Protein, His-tagged

Cat. No. Cat-658M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cat(Gly80~Asp239) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly80~Asp239
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Cat catalase [Mus musculus]
Official Symbol	Cat
Synonyms	CAT; catalase; catalase 1; Cas1; Cs-1; Cas-1; 2210418N07;
Gene ID	12359
mRNA Refseq	NM_009804
Protein Refseq	NP_033934
UniProt ID	P24270

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