

Recombinant Mouse Cat protein, His&Myc-tagged

Cat. No. Cat-2639M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cat protein(P24270)(2-527aa), fused to N-terminal His tag and C-terminal myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	2-527aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.7
AA Sequence	SDSRDPASDQMKQWKEQRASQRPDVLTTGGGNPIGDKLNIMTAGSRGPLLVDVV FTDEMAHFDRERIPERVVHAKGAGAFGYFEVTHDITRYSKAKVFEHIGKRTPIAVRFS TVTGESGSADTVRDPRGFAVKFYTEDGNWDLVGNNTPIFFIRDAILFPSFIHSQKRNP QTHLKDPDMVWDFWSLRPESLHQVSFLFSDRGIPDGHRHMNGYGSHTFKLVNADG EAVYCKFHYKTDQGIKNLPVGEAGRLAQEDPDYGLRDLFNAIANGNYPSTFYIQV MTFKEAETFPFNPFDLTKVWPHKDYPLIPVGKLVNKNPVNYFAEVEQMAFDPSNM PPGIEPSPDKMLQGRLFAYPDTHRRLGPNYLQIPVNCPYRARVANYQRDGPMM HDNQGGAPNYYPNSFSAPEQQRSALHSVQCAVDVKRFNSANEDNVTQVRTFYTK VLNEEERKRLCENIAGHLKDAQLFIQKKAVKNFTDVHPDYGARIQALLDKYNAEKP

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NAIHTYTQAGSHMAAKGKANL

Purity

Greater than 85% as determined by SDS-PAGE.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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%.

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

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