

Recombinant Mouse Hexb Protein, His-tagged

Cat. No. Hexb-1014M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Hexb (NP_034552.1) (Met1-Ile536) was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-536 a.a.
Predicted N Terminal	Gln 32
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Hexb consists 516 amino acids and predicts a molecular mass of 59.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % 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 aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 [Hexb hexosaminidase B \[Mus musculus \]](#)

Official Symbol [Hexb](#)

Synonyms HEXB; hexosaminidase B; beta-hexosaminidase subunit beta; hexosaminidase subunit B; beta-N-acetylhexosaminidase subunit beta; N-acetyl-beta-glucosaminidase subunit beta;

Gene ID [15212](#)

mRNA Refseq [NM_010422](#)

Protein Refseq [NP_034552](#)

MIM

UniProt ID

Pathway Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Gly

Function beta-N-acetylglucosaminidase activity; beta-N-acetylhexosaminidase activity; beta-N-acetylhexosaminidase activity; catalytic activity; cation binding; hexosaminidase activity; hydrolase activity; hydrolase activity, a

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