

Active Recombinant Mouse Ghr protein(Met1-Gln273), His-tagged

Cat. No. Ghr-3269M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ghr protein(NP_034414.2)(Met1-Gln273), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln273
similar	Ghr
Alias	GHR; growth hormone receptor; GH receptor; somatotropin receptor; growth hormone receptor/binding protein; Growth hormone receptor precursor (GH receptor) (GH binding protein) (GHBP) (Serum binding protein); GHBP; GHR/BP; AA986417;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant mouse GHR consists of 260 amino acids and has a predicted

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	molecular mass of 30.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmGHR is approximately 40-45 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Ghr growth hormone receptor [Mus musculus]
GeneNameWeblink	14600
OfficialSymbol	Ghr
OfficialSymbolWeblink	14600
GenelD	14600
GenelDWeblink	14600
mRNARefseq	NM_001048147
mRNARefseqWeblink	NM_001048147.1
ProteinRefseqWeblink	NP_001041612.1

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MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	GHR; growth hormone receptor; GH receptor; somatotropin receptor; growth hormone receptor/binding protein; Growth hormone receptor precursor (GH receptor) (GH binding protein) (GHBP) (Serum binding protein); GHBP; GHR/BP; AA986417;
MIM	

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