

Recombinant Human HMGCR Protein (Ser426-Ala888), His-tagged

Cat. No. HMGCR-669H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGCR Protein (NP_000850.1) (Ser426-Ala888) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Ser426-Ala888
Predicted N Terminal	His
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol, 0.5 mM TCEP. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human HMGCR consists of 482 amino acids and predicts a molecular mass of 52 kDa.
Endotoxin	< 1.0 EU per µg 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 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	HMGCR 3-hydroxy-3-methylglutaryl-CoA reductase [Homo sapiens]
Official Symbol	HMGCR
Synonyms	HMGCR; 3-hydroxy-3-methylglutaryl-CoA reductase; LDLCQ3;
Gene ID	3156
mRNA Refseq	NM_000859
Protein Refseq	NP_000850
UniProt ID	P04035

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