Recombinant Full Length Solanum Tuberosum 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase 1(Hmg1) Protein, His-Tagged

Cat. No. RFL28118SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Solanum tuberosum 3-hydroxy-3-methylglutaryl-coenzyme A reductase 1(HMG1) Protein (P48020) (1-596aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Solanum tuberosum (Potato)
Source	E.coli
ProteinLength	Full Length (1-596)
Form	Lyophilized powder
AA Sequence	MDVRRRPVKPLYTSKDASAGEPLKQQEVSSPKASDALPLPLYLTNGLFFTMFFSVM YFLL VRWREKIRNSIPLHVVTLSELLAMVSLIASVIYLLGFFGIGFVQSFVSRSNSDSW DIEDE NAEQLIIEEDSRRGPCAAATTLGCVVPPPPVRKIAPMVPQQPAKVALSQTEK PSPIIMPA LSEDDEEIIQSVVQGKTPSYSLESKLGDCMRAASIRKEALQRITGKSLEGL PLEGFDYSS ILGQCCEMPVGYVQIPVGIAGPLLLDGREYSVPMATTEGCLVASTNR GCKAIFVSGGADS VLLRDGMTRAPVVRFTTAKRAAELKFFVEDPLNFETLSLMFNKS SRFARLQGIQCAIAGK NLYITFSCSTGDAMGMNMVSKGVQNVLDYLQSEYPDMDVI GISGNFCSDKKPAAVNWIEG RGKSVVCEAIIKEEVVKKVLKTEVAALVELNMLKNLT GSAMAGALGGFNAHASNIVSAVY LATGQDPAQNVESSHCITMMEAVNDGKDLHVS VTMPSIEVGTVGGGTQLASQSACLNLLG VKGANRDAPGSNARLLATIVAGSVLAGE

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	LSLMSAISAGQLVKSHMKYNRSIKDISK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	HMG1
Synonyms	HMG1; 3-hydroxy-3-methylglutaryl-coenzyme A reductase 1; HMG-CoA reductase 1; HMGR; HMGR1
UniProt ID	P48020

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