

Product datasheet for **TP508329**

Hmgcs1 (NM_145942) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (Hmgcs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208329 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPGSLPLNAEACWPKDVGIVALEIYFPSQYVDQAELEKYDGV DAGKYTIGLGQARMGFCTDREDINSLCP TVVQKLMERHLSYDCIGRLEVGTETIIDKSKSVKSNLMQLFEESGNTDIEGIDTTNACYGGTAAVFN NWESSWDGRYALVAGDIAIYATGNARPTGGVAVALLIGPNAPLIFDRGLRGTHMQHAYDFYKPDML SEYPVVDGKLSIQCYLSALDRYCYSVYRKKIRAQWQKEGKDKDFTLNDFGFMIFHSPYCKLVQKSLARMFL NDFLNDQNRDKNSIYSGLEAFGDVKLEDTYFDRDVEKAFMKASSELFNQKTKASLLVSNQNGNMYTSSVY GSLASVLAQYSPQQLAGKRVGVFSYGSLAATLYSLKVTQDATPGSALDKITASLCDLKSRLDSRTC VAPDVFAENMKLREDTHHLANYIPQCSIDSLFEGTWYLVVRVDEKHRRTYARRPFTNDHSLDEGMGLVHSNTAT EHIPSPAKKVPRLPATSAESESAVISNGEH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	57.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_666054</u>



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Locus ID: 208715

UniProt ID: [Q8JZK9](#)

RefSeq Size: 3577

Cytogenetics: 13

RefSeq ORF: 1563

Synonyms: B130032C06Rik

Summary: This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.[UniProtKB/Swiss-Prot Function]