

Recombinant Mus musculus Hydroxymethylglutaryl-CoA synthase, cytoplasmic

Catalog No: #AP73097

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Package Size: #AP73097-1 20ug #AP73097-2 100ug #AP73097-3 1mg

Description

Product Name	Recombinant Mus musculus Hydroxymethylglutaryl-CoA synthase, cytoplasmic
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-520aaSequence Info:Full Length
Other Names	3-hydroxy-3-methylglutaryl coenzyme A synthase
Accession No.	Q8JZK9
Uniprot	Q8JZK9
GeneID	208715;
Calculated MW	59.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MPGSLPLNAEACWPKDVGIVALEIYFPSQYVDQAELEKYDGV DAGKYTIGLGQARMGFCTDREDINSLCLTVV QKLMERHLSYDCIGRLEVGTETIIDKSKSVKSNLMQLFEESGNTDIEGIDTTNACYGGTAAVFN AVNWVESS WDGRYALV VAGDIAIYATGNARPTGGVGA VALLIGPNAPLIFDRGLRGTHMQHAYDFYKPDMLSEYPVVDGKL SIQCYLSALDRCYSVYRKKIRAQWQKEGKDKDFTLNDFGFMIFHSPYCKLVQKSLARMFLNDFLNDQNRDKNS IYSGLEAFGDVKLEDTYFDRDVEKAFMKASSELFNQKTKASLLVSNQNGNMYTSSVYGLASVLAQYSPQQLA GKRVGVFSYGSGLAATLYSLKVTQDATPGSALDKITASLCDLKSRLDSRTCVPDPVFAENMKLREDTHHLANYI PQCSIDSLFEGTWYLVVRVDEKHRRTYARRPFTNDHSLDEGMGLVHSNTATEHIPSPAKKVPRLPATSAESES VISNGEH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.

References

Large-scale phosphorylation analysis of mouse liver.Villen J., Beausoleil S.A., Gerber S.A., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007)Research Topic:Others

Note: This product is for in vitro research use only