Recombinant Saccharomyces Cerevisiae MHT1 Protein (1-324 aa), His-tagged

Cat. No. MHT1-1267S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Saccharomyces Cerevisiae (strain ATCC 204508/S288c) (Baker's yeast) MHT1 Protein (1-324 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	S.cerevisiae
Source	E.coli
ProteinLength	1-324 aa
Description	Homocysteine S-methyltransferase involved in the conversion of S-adenosylmethionine (AdoMet) to methionine to control the methionine/AdoMet ratio. Also converts S-methylmethionine (SMM) to methionine.
Form	Tris-based buffer,50% glycerol
Molecular Mass	40.7 kDa
AA Sequence	MKRIPIKELIVEHPGKVLILDGGQGTELENRGININSPVWSAAPFTSESFWEPSSQER KVVEEMYRDFMIAGANILMTITYQANFQSISENTSIKTLAAYKRFLDKIVSFTREFIGEE RYLIGSIGPWAAHVSCEYTGDYGPHPENIDYYGFFKPQLENFNQNRDIDLIGFETIPN FHELKAILSWDEDIISKPFYIGLSVDDNSLLRDGTTLEEISVHIKGLGNKINKNLLLMGV NCVSFNQSALILKMLHEHLPGMPLLVYPNSGEIYNPKEKTWHRPTNKLDDWETTVK KFVDNGARIIGGCCRTSPKDIAEIASAVDKYS

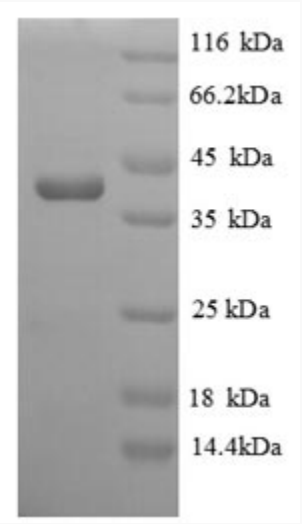
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	MHT1; S-methylmethionine:homocysteine methyltransferase 1; SMM:Hcy S-methyltransferase 1;
UniProt ID	Q12525

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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