

Recombinant Human TRMT112 Protein (1-125 aa), His-SUMO-tagged

Cat. No. TRMT112-1148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRMT112 Protein (1-125 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-125 aa
Description	Participates both in methylation of protein and tRNA species. The heterodimer with HK2/N6AMT1 catalyzes N5-methylation of ETF1 on 'Gln-185', using S-adenosyl L-methionine as methyl donor. The heterodimer with ALKBH8 catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA species.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	30.2 kDa
AA Sequence	MKLLTHNLLSSHVRGVGSRGFPLRLQATEVRI CPVEFNPNFVARMIPKVEWSAFLEA ADNLR LIQVPKGPVEGYEENE EFLRTMHLLLEVEVIEGTLQCPESGRMFPI SRGIPN MLLSEETES

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

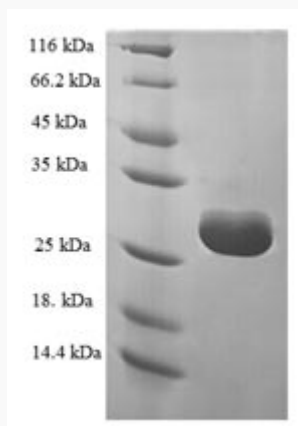
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	TRMT112 tRNA methyltransferase 11-2 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	TRMT112
Synonyms	TRMT112; HSPC152; HSPC170; TRM112; TRMT11 2; TRMT11-2;
Gene ID	51504
mRNA Refseq	NM_016404
Protein Refseq	NP_057488
UniProt ID	Q9UI30

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

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