

Serine Hydroxymethyltransferase 1, Soluble (SHMT1) Recombinant Protein | SHMT1 recombinant protein

Recombinant Serine Hydroxymethyltransferase 1, Soluble (SHMT1)

CATALOG # AAA153604	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Serine Hydroxymethyltransferase 1; Soluble (SHMT1); Recombinant Serine Hydroxymethyltransferase 1; Soluble; SHMT1 recombinant protein (prokaryotic); Human; CSHMT; Cytoplasmic Serine Hydroxymethyltransferase; 14 kDa Protein; Glycine hydroxymethyltransferase; Serine methylase; SHMT1 recombinant protein

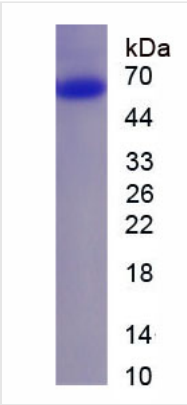
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Phe483
Applicable Applications for SHMT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.8
Subcellular Location	Cytoplasm
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

MTMPVNGAHKDADLWSSHDKMLAQPLKDSDEVYNIKKESNRQVRVGLLEIASENFASRA
YLEALGSCLNKKYSEGYPGQRYGGTEFIDELETLCQKRALQAYKLDPCQWGVNVQPYSGS
PANFAVYALVEPHGRJIMGLDLPDGGHLTHGFMTDKKISATSIFFESMPKYVNPDTGYINY
DQLEENARLFHPKLIAGTSCYSRNLEYARLRKIADENGAYLMADMAHISGLVAAGVVPSPFE
HCHVVTTHKTURGCRAGMIFRYKGVKSVDPKTGKEILYNLESINSAVFPGLQGPHNHA
IAGVAVALQAMTLEFKVYQHVVANCRALSEALTEGYKVTGGSNDHLVLDRSGKTDG
GRAEKVLEACSIACNKTCPGDRSALRPSGLRLGTALTSRGLLEKDFQKVAHFHRIELTLQI
QSDTGV RATLKEFKERLAGDKYQAAVQALREEVESFASLFLPLPLPDF

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for SHMT1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	462184
NCBI GeneID	6470
UniProt Accession #	P34896; Q96HY0; Q9UMD1; Q9UMD2; B4DPM9; D3DXD0
Molecular Weight	483
NCBI Official Full Name	Serine hydroxymethyltransferase, cytosolic
NCBI Official Synonym Full Names	serine hydroxymethyltransferase 1 (soluble)
NCBI Official Symbol	SHMT1
NCBI Official Synonym Symbols	SHMT; CSHMT
NCBI Protein Information	serine hydroxymethyltransferase, cytosolic; serine methylase; glycine hydroxymethyltransferase; cytoplasmic serine hydroxymethyltransferase
UniProt Protein Name	Serine hydroxymethyltransferase, cytosolic
UniProt Gene Name	SHMT1
UniProt Synonym Gene Names	SHMT
UniProt Entry Name	GLYC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.