

Recombinant Human SHMT1 Protein (D11-L480), Tag Free

Cat. No. SHMT1-0576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHMT1(D11-L480) (K20A, K279A, R442A) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	D11-L480
Description	Interconversion of serine and glycine ().
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

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Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name SHMT1 serine hydroxymethyltransferase 1 (soluble) [Homo sapiens (human)]

Official Symbol SHMT1

Synonyms SHMT1; serine hydroxymethyltransferase 1 (soluble); serine hydroxymethyltransferase, cytosolic; 14 kDa protein; CSHMT; cytoplasmic serine hydroxymethyltransferase; MGC15229; MGC24556; SHMT; serine methylase; glycine hydroxymethyltransferase;

Gene ID 6470

mRNA Refseq NM_004169

Protein Refseq NP_004160

MIM 182144

UniProt ID P34896

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