

Recombinant Human SMUG1 protein, His-SUMO-tagged

Cat. No. SMUG1-4502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMUG1 protein(Q53HV7)(1-177aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-177aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	35.6 kDa
AA Sequence	MPQAFLLGSIHEPAGALMEPQPCPGSLAESFLEEELRLNAELSQLQFSEPVGIIYNPV EYAWEPHRNYVTRYCQGPKEVLFLGMNPGPFGMAQTGVPFGEVSMVRDWLGIVG PVLTPPQEHPKRPVLGLECPQSEGPRQSMGHEIKSELLMGGCSWIRGKIQCDRVQV RRPGFSSQL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION
Gene Name

SMUG1 single-strand-selective monofunctional uracil-DNA glycosylase 1 [Homo sapiens]

Official Symbol

SMUG1

Synonyms

SMUG1; single-strand-selective monofunctional uracil-DNA glycosylase 1; single-strand selective monofunctional uracil DNA glycosylase; FDG; HMUDG; UNG3; MGC104370;

Gene ID

23583

mRNA Refseq

NM_001243787

Protein Refseq

NP_001230716

MIM

607753

UniProt ID

Q53HV7

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