

Active Recombinant Human SMUG1 protein

Cat. No. SMUG1-4893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMUG1 was expressed in E. coli.
Species	Human
Source	E.coli
Form	10 mM Bis-Tris-Propane-HCl, 10 mM MgCl ₂ , 1 mM DTT, pH 7 @ 25 centigrade.
Molecular Mass	Theoretical: 29861 daltons
Unit Definition	One unit is defined as the amount of enzyme required to excize 1 pmol of deoxyuracil from a 34 mer oligonucleotide duplex containing a single dU site in a total reaction volume of 10 µl in 1 hour at 37 centigrade.
Storage	Store at -20 centigrade
Concentration	5,000 units/ml

GENE INFORMATION

Gene Name	SMUG1 single-strand-selective monofunctional uracil-DNA glycosylase 1 [Homo sapiens]
Official Symbol	SMUG1

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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