

## Product datasheet for **AR50672PU-N**

### SMUG1 (1-270, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SMUG1 (1-270, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPQAFLL GSIHEPAGAL MEPQPCPGSL AESFLEEELR LNAELSQLQF SEPVGIIYNP VEYAWEPHRN YVTRYCQGPK EVLFLGMNPG PFGMAQTGVP FGEVSMVRDW LGIVGPVLTTP PQEHPKRPVL GLECPQSEVS GARFWGFFRN LCGQPEVFFH HCFVHNLCP LFLAPSGRNL TPAELPAKQR EQLLGICDAA LCRQVQLLGV RLWVGVRGLA EQRARRALAG LMPEVQVEGL LHPSPRNPQA NKGWEAVAKE RLNELGLLPL LLK
Tag:	His-tag
Predicted MW:	32.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SMUG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001230716</a>
Locus ID:	23583
UniProt ID:	<a href="#">Q53HV7</a> , <a href="#">A0A024RAZ8</a>
Cytogenetics:	12q13.13
Synonyms:	FDG; HMUDG; UNG3



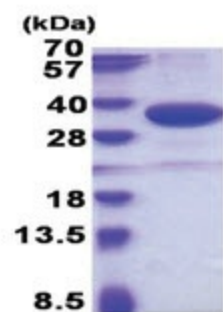
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**Summary:** This gene encodes a protein that participates in base excision repair by removing uracil from single- and double-stranded DNA. Many alternatively spliced transcript variants exist for this gene; the full-length nature is known for some but not all of the variants. [provided by RefSeq, Aug 2011]

**Protein Families:** Druggable Genome

**Protein Pathways:** Base excision repair

**Product images:**



15% SDS-PAGE (3ug)