

Recombinant Human OGG1 protein, His-SUMO-tagged

Cat. No. OGG1-3303H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OGG1 protein(O15527)(1-345aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-345aa
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	54.8 kDa
AA Sequence	MPARALLPRRMGHRRLASTPALWASIPCPRSELRLDLVLP SGQSFRWREQSPAHW SGVLADQVWTLTQT EEQLHCTVYRGDKSQASRPTPDELEAVRK YFQLDVT LAQLYH HWGSVDSHFQEVAQKFQGVRLLRQDPIEC LFSFICSSNNNIARITGMVERLCQAFGP RLIQLDDVTYHGFPSLQALAGPEVEAHLRKLGLGYRARYVSASARAILEEQGGLAWL QQLRESSYEEAHKALCILPGVGTKVAD CICLMALDKPQAVPVDVHMWHIAQRDYSW HPTTSQAKGPSPQTNKELGNFFRSLWGPYAGWAQAVLF SADLRQSRHAQEPPAKR RKGSKGPEG
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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	OGG1 8-oxoguanine DNA glycosylase [Homo sapiens]
Official Symbol	OGG1
Synonyms	OGG1; 8-oxoguanine DNA glycosylase; N-glycosylase/DNA lyase; 8 hydroxyguanine DNA glycosylase; HMMH; HOGG1; MUTM; OGG1 type 1d; OGG1 type 1e; OGG1 type 1g; OGG1 type 1h; OGH1; AP lyase; OGG1 type 1f; 8-hydroxyguanine DNA glycosylase; DNA-apurinic or apyrimidinic site lyase;
Gene ID	4968
mRNA Refseq	NM_002542
Protein Refseq	NP_002533
MIM	601982
UniProt ID	O15527