

Recombinant Human OGG1, GST-tagged

Cat. No. OGG1-1447H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human OGG1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-345aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	4968
mRNA Refseq	NM_002542
Protein Refseq	NP_002533
MIM	601982
UniProt ID	O15527
Chromosome Location	3p26
Pathway	Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Base-Excision Repair, AP Site Formation, organism-specific biosystem; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem; Cleavage of the damaged purine, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	damaged DNA binding; endonuclease activity; hydrolase activity, acting on glycosyl bonds; lyase activity; oxidized purine base lesion DNA N-glycosylase activity; protein binding;

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