

OGG1 recombinant protein

Recombinant Human OGG1 Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263245	E Coli	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

OGG1; Recombinant Human OGG1 Protein; MMH; MUTM; OGH1; N-glycosylase/DNA lyase; OGG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 1mM EDTA, 50% Glycerol, pH 7.8.
Sequence	MSPILGYWKI KGLVQPTRL LLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAI PQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMPAR ALLPRRMGHR TLASTPALWA SIPCPRSEL RLDLVLP SGQS FRWREQSPA H WSGVLADQVW TLTQTEEQ LH CTYVRGDKSQ ASRPTPDELE AVRKYFQLDV TLAQLYHHWG SVDSHFQEVA QKFQGVRLLR QDPIECLFSF ICSSNNNIAR ITGMVERLCQ AFGPRLIQLD DVTYHGFPSL QALAGPEVEA HLRKLG LGYR ARYVSASARA ILEEQGLAW LQQLRESSYE EAHKALCILP GVGTKVADCI CLMALDKPQA VPVDVHMWHI AQRDYSWHPT TSQAKGSPSQ TNKELGNFFR SLWGPYAGWA QAVLFSADLR QSRHAQEPPA KRRKSGSKGPE G
Sequence Length	345
Applicable Applications for OGG1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for OGG1 recombinant protein	Recombinant Human OGG1 Protein is produced by our E.coli expression system and the target gene encoding Met1-Gly345 is expressed with a GST tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505495
NCBI GeneID	4968
NCBI Accession #	NP_002533.1

NCBI GenBank Nucleotide #	NM_002542.5
UniProt Accession #	O15527; O00390; O00670; O00705; O14876; O95488; P78554; Q9BW42; Q9UIK0; Q9UIK1; Q9UIK2; A8K1E3
Molecular Weight	36,085 Da
NCBI Official Full Name	N-glycosylase/DNA lyase isoform 1a
NCBI Official Synonym Full Names	8-oxoguanine DNA glycosylase
NCBI Official Symbol	OGG1
NCBI Official Synonym Symbols	HMMH; MUTM; OGH1; HOGG1
NCBI Protein Information	N-glycosylase/DNA lyase
UniProt Protein Name	N-glycosylase/DNA lyase
UniProt Gene Name	OGG1
UniProt Synonym Gene Names	MMH; MUTM; OGH1; AP lyase
UniProt Entry Name	OGG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ogg1-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263245>