

Recombinant Human OGG1 Protein

Catalog #	Source	Reactivity	Applications
CRP2042	E. coli	Human	E, WB, SDS-PAGE, MS

Description 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.

Form Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 1mM EDTA, 50% Glycerol, pH 7.8.

Gene Symbol OGG1

Alternative Names MMH; MUTM; OGH1; N-glycosylase/DNA lyase

Entrez Gene 4968 (Human)

SwissProt O15527 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
 DFSLKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KRIEAIPQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD LVPRGSMPAR ALLPRRMGHR
 TLASTPALWA SIPCPRSELR LDLVLP SGQS FRWREQSPAH WSGVLADQVW TLTQTEEQ LH
 CTVYRGDKSQ ASRPTPELE AVRKYFQLDV TLAQLYHHWG SVDSHFQEVA QKFQGVRLLR
 QDPIECLFSF ICSSNNNIAR ITGMVERLCQ AFGPRLIQLD DVTYHGFPSL QALAGPEVEA
 HLRKLGLGYR ARYVSASARA ILEEQGGLAW LQQLRESSYE EAHKALCILP GVGTKVADCI
 CLMALDKPQA VPVDVHMWHI AQRDYSWHPT TSQAKGSPSQ TNKELGNFFR
 SLWGOPYAGWA QAVLFSADLR QSRHAQEPPA KRRKGSKGPE G

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com