

## 8-Oxoguanine DNA Glycosylase Mouse Recombinant

<b>Item Number</b>	rAP-1132
<b>Synonyms</b>	HMMH, HOGG1, MUTM, OGH1, AP lyase, OGG1, 8-Oxoguanine DNA Glycosylase, OGG1.
<b>Description</b>	OGG1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 368 amino acids (1-345 a.a) and having a molecular mass of 41.3kDa. OGG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.&nbsp;
<b>Uniprot Accesion Number</b>	O08760
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMLFRSWL PSSMRHRTLSSPALWASIP CPRSELRLDL VLAS-GQSFRW KEQSPAHWSG VLADQVWTLT QTEDQLYCTV YRGDDSQVSR PTLEELETLH KYFQLDVSLA QLYSHWASVD SHFQRVAQKF QGVRLLRQDP TECLFSFICS SNNNIARITG MVERLCQAFG PRLIQLDDVT YHGFPNLHAL AGPEAETHLR KLGLGYRARY VRASAKAILE EQGGPAWLQQ LRVAPYEEAH KALCTLPGVG AKVADCICLM ALDKPQAVPV DVHVWQIAHR DYGWHPKTSQ AKGP-SPLANK ELGNFFRNLW GPYAGWAQAV LFSADLRQPS LSREPPAKRK KGSKRPEG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colourless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	OGG1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4) and 30% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**