9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2632: OGG1 Recombinant Protein

Alternative Name : HMMH,HOGG1,MUTM,OGH1,AP lyase.

Description

Source : Escherichia Coli. OGG1 Recombinant Human 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 41.2 kDa. The OGG1 is fused to 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. OGG1 is a DNA glycosylase enzyme which takes part in base excision repair. OGG1 protein is the main enzyme accountable for the excision of 7,8-dihydro-8-oxoguanine (8-oxoG), a mutagenic base byproduct which arises as a result of exposure to reactive oxygen species (ROS). OGG1 shows beta lyase activity that nicks DNA 3'' to the lesion.

Product Info

Amount :	25 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	0.5mg/ml solution containing 20mM Tris-HCl buffer pH-8, 0.1M NaCl and 40% Glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH TGSMPARALL PRRMGHRTLA STPALWASIP CPRSELRLDL VLPSGQSFRW REQSPAHWSG VLADQVWTLT QTEEQLHCTV YRGDKSQASR PTPDELEAVR KYFQLDVTLA QLYHHWGSVD SHFQEVAQKF QGVRLLRQDP IECLFSFICS SNNNIARITG MVERLCQAFG PRLIQLDDVT YHGFPSLQAL AGPEVEAHLR KLGLGYRARY VSASARAILE EQGGLAWLQQ LRESSYEEAH KALCILPGVG TKVADCICLM ALDKPQAVPV DVHMWHIAQRDYSWHPTTSQ AKGPSPQTNK ELGNFFRSLW GPYAGWAQAV LFSADLRQCR HAQEPPAKRRKGSKGPEG.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.