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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OGG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004968-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

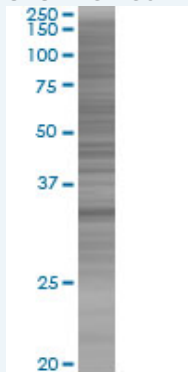
Plasmid: pCMV-OGG1 full-length

Host: Human

Theoretical MW (kDa): 36.4

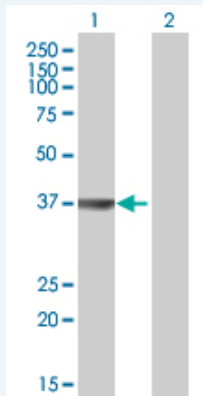
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-OGG1 antibody ([H00004968-B01](#)) by Western Blots.

SDS-PAGE Gel



OGG1 transfected lysate.

Western Blot



Lane 1: OGG1 transfected lysate (36.4 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [4968](#)

GeneBank [NM_016819.2](#)
Accession#:

Protein [NP_058212.1](#)
Accession#:

Gene Name: OGG1

Gene Alias: HMMH,HOGG1,MUTM,OGH1

Gene Description: 8-oxoguanine DNA glycosylase

Omim ID: [144700](#), [601982](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the enzyme responsible for the excision of 8-oxoguanine, a mutagenic base byproduct which occurs as a result of exposure to reactive oxygen. The action of this enzyme includes lyase activity for chain cleavage. Alternative splicing of the C-terminal region of this gene classifies splice variants into two major groups, type 1 and type 2, depending on the last exon of the sequence. Type 1 alternative splice variants end with exon 7 and type 2 end with exon 8. All variants share the N-terminal region in common, which contains a mitochondrial targeting signal that is essential for mitochondrial localization. Many alternative splice variants for this gene have been described, but the full-length nature for every variant has not been determined. [provided by RefSeq]

Other Designations: 8-hydroxyguanine DNA glycosylase,OTTHUMP00000122619

Gene Pathway

[Base excision repair](#)

Related Disease

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