

Datasheet for ABIN7556887

## MPG Protein (AA 1-333) (His tag)



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### Overview

Quantity:	1 mg
Target:	MPG
Protein Characteristics:	AA 1-333
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPG protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Mpg Protein expressed in mammalian cells.
Sequence:	<p>MPARGGSARP GRGALKPVSV TLLPDTEQPP FLGRARRPGN ARAGSLVTGY HEVGQMPAPL  SRKIGQKKQR LADSEQQQTP KERLLSTPGL RRSIYFSSPE DHSGRLGPEF FDQPAVTLAR  AFLGQVLVRR LADGTELRGR IVETEAYLGP EDEAAHSRGG RQTPRNRGMF MKPGTLYVYL  IYGMFYCLNV SSQGAGACVL LRALEPLEGL ETMRQLRNSL RKSTVGRSLK DRELCSGPSK  LCQALAIKDS FDQRDLAQDD AVWLEHGPLE SSSPAVVVAA ARIGIGHAGE WTQKPLRFYV  QGSPWVSVD RVAEQMDQPQ QTACSEGLLI VQK <b>Sequence without tag. The proposed  Purification-Tag is based on experiences with the expression system, a different complexity  of the protein could make another tag necessary. In case you have a special request, please  contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	MPG
Alternative Name:	Mpg ( <a href="#">MPG Products</a> )
Background:	DNA-3-methyladenine glycosylase (EC 3.2.2.21) (3-alkyladenine DNA glycosylase) (3-methyladenine DNA glycosidase) (ADPG) (N-methylpurine-DNA glycosylase),FUNCTION: Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.
Molecular Weight:	36.5 kDa
UniProt:	<a href="#">Q04841</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months