

Product datasheet

Recombinant Human GMPR1 protein ab123163

1 Image

Description

<b>Product name</b>	Recombinant Human GMPR1 protein
<b>Purity</b>	> 95 % SDS-PAGE. ab123163 is purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">P36959</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MPRIDADLKL            DFKDVLLRPK RSSLKSRAEV DLERTFTFRN SKQTYSGIPI            IVANMDTVGT FEMAAVMSQH SMFTAIHKHY            SLDDWKL FAT NHPECLQNV VSSGSGQNDL            EKMTSILEAV PQVKFICLDV ANGYSEHFVE            FVKLVRAKFP EHTIMAGNVV TGEMVEELIL SGADIKVG            GPGSVC TTRT KTG VGY PQLS AVIECADSAH            GLKGHI SDG GCTCPGDVAK AFGAGADFVM            LGGMFSGHTE CAGEVIERNG RKLKLFY GMS            SDTAMNKHAG GVAEYRASEG KTVEVPYKGD            VENTILDILG GLRSTCTYVG AAKLKELSRR ATFIRVTQQH            NTVFS</p>
<b>Predicted molecular weight</b>	40 kDa including tags
<b>Amino acids</b>	1 to 345
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab123163** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Mass Spectrometry
	SDS-PAGE

<b>Mass spectrometry</b>	MALDI-TOF
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**Form** Liquid

## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00  
Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## General Info

**Function** Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.

**Sequence similarities** Belongs to the IMPDH/GMPR family.

## Images



15% SDS-PAGE analysis of ab123163 (3 µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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