OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR09642PU-N

GMP reductase 2 / GMPR2 (1-348, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GMP reductase 2 / GMPR2 (1-348, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPHIDNDVKL DFKDVLLRPK RSTLKSRSEV DLTRSFSFRN SKQTYSGVPI IAANMDTVGT FEMAKVLCKF SLFTAVHKHY SLVQWQEFAG QNPDCLEHLA ASSGTGSSDF EQLEQILEAI PQVKYICLDV ANGYSEHFVE FVKDVRKRFP QHTIMAGNVV TGEMVEELIL SGADIIKVGI GPGSVCTTRK KTGVGYPQLS AVMECADAAH GLKGHIISDG GCSCPGDVAK AFGAGADFVM LGGMLAGHSE SGGELIERDG KKYKLFYGMS SEMAMKKYAG GVAEYRASEG KTVEVPFKGD VEHTIRDILG GIRSTCTYVG AAKLKELSRR TTFIRVTQQV NPIFSEAC
Tag:	His-tag
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GMPR2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001002000
Locus ID:	51292
UniProt ID:	Q9P2T1
Cytogenetics:	14q12
Synonyms:	GMPR 2

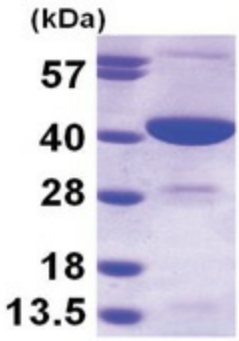
View online »

Summary: This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). The protein also functions in the re-utilization of free intracellular bases and purine nucleosides. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]

Protein Families: Druggable Genome

Protein Pathways: Purine metabolism

Product images:



15% SDS-PAGE (3ug)