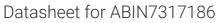
antibodies -online.com





GMPR Protein (His tag)



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Quantity:	100 μg
Target:	GMPR
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GMPR protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human GMPR Protein (E.coli, His Tag)
Sequence:	Met 1-Ser345
Characteristics:	A DNA sequence encoding the human GMPR (Met1-Ser345) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

Target Details

Target:	GMPR	
Alternative Name:	GMPR (GMPR Products)	
Background:	Background: GMPR; also known as GMPR1; belongs to the IMPDH/GMPR family. This family of enzymes includes IMP dehydrogenase and GMP reductase. These enzymes are	
	involved in purine metabolism and adopt a TIM barrel structure. GMPR is an enzyme that catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP.	

Target Details

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.
Synonym: GMP Reductase 1; Guanosine 5'-Monophosphate Oxidoreductase 1; Guanosine
Monophosphate Reductase 1; GMPR; GMPR1
39.2 kDa

Application Details

Molecular Weight:

UniProt:

P36959

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 50 mM Tris, 150 mM NaCl, 40 % Glycerol, 1 mM DTT, pH 8.0
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.