

Recombinant Human GMPR, His tagged

Cat. No. GMPR-356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GMPR (Met1-Ser345), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-345 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, 40% Glycerol, 1mM DTT, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human GMPR consists of 360 amino acids and predicts a molecular mass of 39.2 KDa. It migrates as an approximately 37 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	GMPR guanosine monophosphate reductase [Homo sapiens]
Official Symbol	GMPR
Gene ID	2766
mRNA Refseq	NM_006877
Protein Refseq	NP_006868
MIM	139265
UniProt ID	P36959
Chromosome Location	6p23

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA