

Recombinant Human GMPR protein, His-SUMO-tagged

Cat. No. GMPR-4033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GMPR protein(P36959)(1-345aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-345aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	53.4 kDa
AA Sequence	MPRIDADLKLDKFDVLLRPKRSSLKSRAEVDLERTFTFRNSKQTYSGIPIIVANMDTV GTFEMAAMVMSQHSMTAIHKHYSLDDWKL FATNHPECLQNVAVSSGSGQNDLEKM TSILEAVPQVKFICLDVANGYSEHFVEFVKLVRAKFPEHTIMAGNVVTGEMVEELILS GADIIVGVGPGSVCTTRTKTGVGYPQLSAVIECADSAHGLKGHIISDGGCTCPGDV AKAFGAGADFVMLGGMFSGHTECAGEVFERNRGRKLKLFYGMSSDTAMNKHAGGV AEYRASEGKTVEVPYKGDVENTILDILGGLRSTCTYVGA AKLKELSRRATFIRVTQQH NTVFS
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	GMPR guanosine monophosphate reductase [Homo sapiens]
Official Symbol	GMPR
Synonyms	GMPR; guanosine monophosphate reductase; GMP reductase 1; guanine monophosphate reductase; guanosine monophosphate reductase 1; guanosine 5-monophosphate oxidoreductase 1; GMPR1;
Gene ID	2766
mRNA Refseq	NM_006877
Protein Refseq	NP_006868
MIM	139265
UniProt ID	P36959

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