

Guanosine Monophosphate Reductase 2 Human Recombinant

Item Number	rAP-1799
Synonyms	GMP reductase 2, Guanosine 5"-monophosphate oxidoreductase 2.
Description	GMPR2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 368 amino acids (1-348 a.a.) and having a molecular mass of 40 kDa. GMPR2 is fused to a 20 amino acid His-tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9P2T1
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPHIDNDVKL DFKDVLLRPK RSTLKSRSSEV DLTRSFSFRN SKQTYSGVPI IANMDTVGT FEMAKVLCKFSLFTAVHKHY SLVQWQEFAG QNPDCLEHLA ASSGTGSSDF EQLEQILEAI PQVKYICLDV ANGYSEHFVE FVKDVRKRFP QHTIMAGNVV TGMEMVEELIL SGADIIVKGI GPGSVCTTRK KTGVGYPQLS AVMECADAHAH GLKGHIISDG GCSCPGDVAK AF- GAGADFVM LGGMLAGHSESGGELIERDG KKYKLFYGMS SEMAMKKYAG GVAEYRASEG KTVEVPFKGD VEHTIRDILG GIRSTCTYVG AAKLKELSRR TTFIRVTQQV NPIFSEAC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. GMPR2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	GMPR2 1mg/ml solution contains 20mM Tris pH-8, 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**