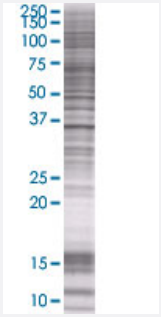
GMPR 293T Cell Transient Overexpression Lysate(Denatured)

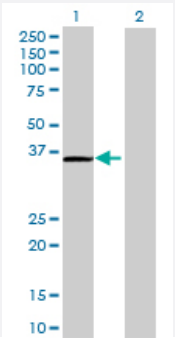
Catalog # H00002766-T01 Size 100 uL

Applications



SDS-PAGE Gel

GMPR transfected lysate.



Western Blot

Lane 1: GMPR transfected lysate (38.06 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GMPR full-length
Host	Human
Theoretical MW (kDa)	38.06
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GMPR antibody (H00002766-B01) by Western Blots. SDS-PAGE Gel GMPR transfected lysate. Western Blot Lane 1: GMPR transfected lysate (38.06 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GMPR

Entrez GeneID	2766
GeneBank Accession#	NM_006877.2
Protein Accession#	NP_006868.2
Gene Name	GMPR
Gene Alias	GMPR1
Gene Description	guanosine monophosphate reductase
Omim ID	139265
Gene Ontology	Hyperlink
Gene Summary	Guanosine monophosphate reductase (EC 1.7.1.7) catalyzes the irreversible NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). GMPR is able to convert guanosine nucleotides to the pivotal precursor of both guanine (G) and adenine (A) nucleotides. It plays an important role in maintaining the intracellular balance of A and G nucleotides.[supplied by OMIM
Other Designations	OTTHUMP00000016064|guanine monophosphate reductase

Pathway

- Purine metabolism

Disease

- Coronary Artery Disease