

G Protein Coupled Receptor, Family C, Group 5, Member A Recombinant Protein | GPRC5A recombinant protein

Recombinant G Protein Coupled Receptor, Family C, Group 5, Member A (GPRC5A)

CATALOG # AAA150320	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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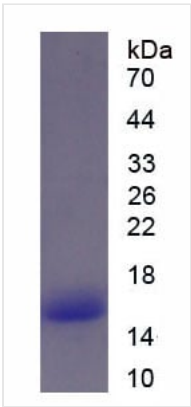
PRODUCT SYNONYMS

G Protein Coupled Receptor; Family C; Group 5; Member A; Recombinant G Protein Coupled Receptor; Member A (GPRC5A); RAIG1; RAI3; GPCR5A; Retinoic Acid Induced 3; Orphan G-protein-coupling receptor PEIG-1; Retinoic acid-induced gene 1 protein; GPRC5A recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GPRC5A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr269~Ser357
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

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                                TL LMLPDFRRW DDTILSSALA
ANGWVFLAY VSPEFWLLTK QRNPMDYPVE DAFCKPOLVK KSYGVENRAY
SQEEITQGFE ETGDTLYAPY STHFQLQNQP PQKEFSIPRA HAWSPYKYDY
EVKKEGS

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SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GPRC5A recombinant protein	Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506403
NCBI GeneID	9052
NCBI Accession #	NP_003970.1
NCBI GenBank Nucleotide #	NP_003970.1
UniProt Accession #	Q8NFJ5
Molecular Weight	N/APredicted Molecular Mass: 14.1kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	retinoic acid-induced protein 3
NCBI Official Synonym Full Names	G protein-coupled receptor class C group 5 member A
NCBI Official Symbol	GPRC5A
NCBI Official Synonym Symbols	RAI3; TIG1; RAIG1; GPCR5A; PEIG-1
NCBI Protein Information	retinoic acid-induced protein 3
UniProt Protein Name	Retinoic acid-induced protein 3
UniProt Gene Name	GPRC5A
UniProt Synonym Gene Names	GPCR5A; RAI3; RAIG1; RAIG-1
UniProt Entry Name	RAI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.