

Recombinant Full Length Human GPRC5A Protein, GST-tagged

Cat. No. GPRC5A-5536HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPRC5A full-length ORF (NP_003970.1, 1 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	357 amino acids
Description	This gene encodes a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation. [provided by RefSeq]
Molecular Mass	66.7 kDa
AA Sequence	MATTVPDGCNRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSVAFMLTLPILVCKVQ DSNRRKMLPTQFLFLLGVLGIFGLTFAFIIGLDGSTGPTRFFLFGILFSICFSCLLAHAV SLTKLVRGRKPLSLLVILGLAVGFSLVQDVIAIEYIVLTMNRTNVNVFSELSAPRRNED FVLLLTYYVLFMLALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWWAWITLLMLPD FDRRWDDTILSSALAANGWVFLAYVSPEFWLLTKQRNPMDYPVEDAFCKPQLVKK SYGVENRAYSQEEITQGFEETGDTLYAPYSTHFQLQNQPPQKEFSIPRAHAWPSPY

 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

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GPRC5A G protein-coupled receptor, family C, group 5, member A [Homo sapiens]
Official Symbol	GPRC5A
Synonyms	GPRC5A; G protein-coupled receptor, family C, group 5, member A; GPCR5A, RAI3, retinoic acid induced 3; retinoic acid-induced protein 3; RAIG1; RAIG-1; retinoic acid induced 3; retinoic acid responsive; retinoic acid-induced gene 1 protein; orphan G-protein-coupling receptor PEIG-1; G-protein coupled receptor family C group 5 member A; RAI3; GPCR5A;
Gene ID	9052
mRNA Refseq	NM_003979
Protein Refseq	NP_003970

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MIM	604138
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UniProt ID	Q8NFJ5
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