

Recombinant Human GPRC5A Protein

Cat. No. GPRC5A-5283H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPRC5A full-length ORF (NP_003970.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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]
Form	Liquid
Molecular Mass	40.3 kDa
AA Sequence	MATTVPDGCNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSVAFMLTLPILVCKVQ DSNRRKMLPTQFLFLLGVLGIFGLTFAFIIGLDGSTGPTRFFLFGILFSICFSCLLAHAV SLTKLVRGRKPLSLLVILGLAVGFSLVQDVIAIEYIVLTMNRTNVNVFSELSAPRRNED FVLLTTYVLFMLALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWVAWITLLMLPD FDRRWDDTILSSALAANGWVFLAYVSPEFWLLTKQRNPMDYPVEDAFCKPQLVKK SYGVENRAYSQEEITQGFEETGDTLYAPYSTHFQLQNQPPQKEFSIPRAHAWPSPY KDYEVKKEGS

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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