

Recombinant Full Length Human GPRC5A Protein, C-Flag-tagged

Cat. No. GPRC5A-751HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GPRC5A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.1 kDa
AA Sequence	MATTVPDGCNRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQ DSNRRKMLPTQFL FLLGVLGIFGLTFAFIIGLDGSTGPTRRFFLFGILFSICFSCLLAHAV SLTKLVRGRKPLSLLVILGLAVG FSLVQDVIAIEYIVLTMNRTNVNVFSELSAPRRNED FVLLLTYYVLFMLALTFLMSSFTFCGSFTGWKRHG AHIYLTMLLSIAIWWAWITLLMLP DFDRRWDDTILSSALAANGWVFLLAYVSPEFWLLTKQRNPMDYPVE DAFCKPQLV KKSYPGVENRAYSQEEITQGFEETGDTLYAPYSTHFQLQNQPPQKEFSIPRAHAWPS

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	PYKDY EVKKEGSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, GPCR, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	GPRC5A G protein-coupled receptor class C group 5 member A [Homo sapiens (human)]
Official Symbol	GPRC5A
Synonyms	RAI3; TIG1; RAIG1; GPCR5A; PEIG-1
Gene ID	9052
mRNA Refseq	NM_003979.4

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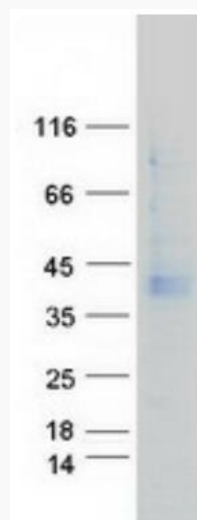
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Protein Refseq NP_003970.1

MIM 604138

UniProt ID Q8NFJ5



Coomassie blue staining of purified GPRC5A protein.

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