Recombinant Human GPRC5A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GPRC5A-3215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GPRC5A MS Standard C13 and N15-labeled recombinant protein (NP_003970) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	40.3 kDa
AA Sequence	MATTVPDGCRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSVAFMLTLPILVCKVQ DSNRRKMLPTQFLFLLGVLGIFGLTFAFIIGLDGSTGPTRFFLFGILFSICFSCLLAHAV SLTKLVRGRKPLSLLVILGLAVGFSLVQDVIAIEYIVLTMNRTNVNVFSELSAPRRNED FVLLLTYVLFLMALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWVAWITLLMLPD FDRRWDDTILSSALAANGWVFLLAYVSPEFWLLTKQRNPMDYPVEDAFCKPQLVKK SYGVENRAYSQEEITQGFEETGDTLYAPYSTHFQLQNQPPQKEFSIPRAHAWPSPY KDYEVKKEGSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

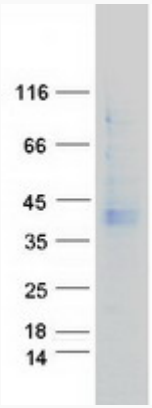
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GPRC5A G protein-coupled receptor class C group 5 member A [Homo sapiens (human)]
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
MIM	604138

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UniProt ID	Q8NFJ5
SDS-PAGE	

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