

Recombinant Full Length Human Retinoic Acid-Induced Protein 3(Gprc5A) Protein, His-Tagged

Cat. No. RFL32696HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Retinoic acid-induced protein 3(GPRC5A) Protein (Q8NFJ5) (1-357aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-357)
Form	Lyophilized powder
AA Sequence	MATTVPDGCGRNGLKSKYYRLCDKAEAWGIVLETVATAGVVTSAFMLTLPILVCKVQ DSN RRKMLPTQFLFLLGVLGIFGLTFAFIIGLDGSTGPTRFFLFGILFSICFSCLLAHAV SLT KLVGRGRKPLSLLVILGLAVGFSLVQDVIAIEYIVLTMNRTNVNVFSELSAPRRNED FVLL LTYVLFLMALTFLMSSFTFCGSFTGWKRHGAHIYLTMLLSIAIWWAWITLLMLP DFDRRW DDTILSSALAANGWVFLLAYVSPEFWLLTKQRNPMDY PVEDAFCKPQLV KKSYGVENRAY SQEEITQGFEETGDTLYAPYSTHFQLQNQPPQKEFSIPRAHAWPS PYKDYEVKKEGS
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 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

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	GPRC5A
Synonyms	GPRC5A; GPCR5A; RAI3; RAIG1; Retinoic acid-induced protein 3; G-protein coupled receptor family C group 5 member A; Phorbol ester induced gene 1; PEIG-1; Retinoic acid-induced gene 1 protein; RAIG-1
UniProt ID	Q8NFJ5

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