

Recombinant Full Length Human ADGRG5 Protein, GST-tagged

Cat. No. ADGRG5-5575HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR114 full-length ORF (NP_722579.1, 1 a.a. - 528 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	528 amino acids
Description	This gene encodes a member of the adhesion family of G-protein coupled receptors. Members of this family are characterized by long N-termini and multiple functional domains. They may play a role in the immune system as well as in the central nervous system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Molecular Mass	85.4 kDa
AA Sequence	MDHCGALFLCLCLLTLQNATTETWEELLSYMENMQVSRGRSSVFSSRQLHQLEQM LLNTSFPGYNLTLQTPTIQSLAFKLSCDFSGLSLTSATLKRVLPQAGGQHARGQHAMQ FPAELTRDACKTRPRELRICIYFSNTHFFKDENNSSLNNYVLGAQLSHGHVNNLR DPVNISFWHNQSLEGYTLTCVFWKEGARKQPWGGWSPEGCRTEQPSHSQVLCRC NHLTYFAVLMQLSPALVPAELLAPLTYISLVGCSISIVASLITVLLHFHFRKQSDSLTRIH MNLHASVLLLNI AFL LSPAFAMSPVPGSACTALAAALHYALLSCLTWMAIEGFNLYLLL GRVYNIYIRRYVFKLGVLGWGAPALLVLLSLSVKSSVYGPCTIPVFDSWENGTFQFN

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MSICWVRSPVHSLVMGYGGTSLFNLVVLAWALWTLRRLRERADAPSVRACHD
TVTVLGLTVLLGTTWALAFFSFGVFLLPQLFLFTILNSLYGFFLFLWFCSQRCRSEAE
AKAQIEAFSSSQTTQ

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

[ADGRG5 adhesion G protein-coupled receptor G5 \[Homo sapiens \(human\) \]](#)

Official Symbol

[ADGRG5](#)

Synonyms

GPR114; G protein-coupled receptor 114; probable G-protein coupled receptor 114;
PGR27; G-protein coupled receptor 114; G protein-coupled receptor PGR27; G-
protein coupled receptor PGR27;

Gene ID

[221188](#)

mRNA Refseq

[NM_153837](#)

Protein Refseq

[NP_722579](#)

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MIM	616965
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UniProt ID	Q8IZF4
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