

Recombinant Human GPR161 Protein

Cat. No. GPR161-5204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR161 full-length ORF (NP_722561.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	Upon ligand binding, G protein-coupled receptors, such as GPR161, activate cytoplasmic G proteins (see GNAS, MIM 139320), allowing the receptors to transduce extracellular signals across the plasma membrane into the cell. Phosphorylation of the receptor attenuates signaling (Matteson et al., 2008 [PubMed 18250320]).[supplied by OMIM
Form	Liquid
Molecular Mass	58.6 kDa
AA Sequence	MSLNSSLSCRKELSNLTEEEGGEGGVITQFIAIVITIFVCLGNLVIVVTLYKKS YLLTLS NKFVFSLTLSNFLSVLVLPFVVTSSIRREWIFGVVWCNFSALLYLLISSASMLTLGVIA IDRYYAVLYPMVYPMKITGNRAVMALVYIWLHSLIGCLPPLFGWSSVEFDEFKWMCV AAWHREPGYTAFWQIWCA LF PFLVMLVCYGFIFRVARVKARKVHCGTVVIVEEDAQ RTGRKNSSTSTSSSGSRRNAFQGVVYSANQCKALITILVVLGAFMVTWGPYMMVVIAS EALWKGKSSVSPSLETWATWLSFASAVCHPLIYGLWNKTVRKELLGMCFGDRYYRE PFVQRQRTSRLFSISNRITDLGLSPHLTALMAGGQPLGHSSSTGDTGFSCSQDSGT DMMLLEDYTSDDNPPSHCTCPPKRRSSVTFEDEV EQIKEAAKNSILHVKA EVHKSLD SYAASLAKAIEAEAKINLFGEEALPGVLVTARTVPGGGFGGRRGSRTLVSQRLQLQSI

 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

	EEGDVLAAEQR
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	GPR161 G protein-coupled receptor 161 [Homo sapiens]
Official Symbol	GPR161
Synonyms	GPR161; G protein-coupled receptor 161; G-protein coupled receptor 161; RE2; G-protein coupled receptor RE2; FLJ33952;
Gene ID	23432
mRNA Refseq	NM_153832
Protein Refseq	NP_722561
MIM	612250

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UniProt ID

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