

# Recombinant Full Length Human G-Protein Coupled Receptor 161(Gpr161) Protein, His-Tagged

**Cat. No.** RFL12517HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human G-protein coupled receptor 161(GPR161) Protein (Q8N6U8) (1-529aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Full Length (1-529)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>MSLNSSLSCRKELSNLTEEEGGEGGVITQFIAIIVITIFVCLGNLVIVVTLYKKSYLLT L</p> <p>SNKFVFSLTLSNFLSVLVLPFVVTSSIRREWIFGVVWCNFSALLYLLISSASMLTLGV</p> <p>IAIDRYYAVLYPMVYPMKITGNRAVMALVYIWLHSLIGCLPPLFGWSSVEFDEFKWM</p> <p>CVA AWHREPGYTAFWQIWCALFPFLVMLVCYGFIFRVARVKARKVHCGTVVIVEED</p> <p>AQRTGRK NSSTSTSSSGSRRNAFQGVVYSANQCKALITLVVLGAFMVTWGPYMV</p> <p>VIASEALWGKSS VSPSLETWATWLSFASAVCHPLIYGLWNKTVRKELLMCFGDRY</p> <p>YREPFVQRQRTSRLFS ISNRITDLGLSPHLTALMAGGQPLGHSSSTGDTGFSCSQD</p> <p>SGTDMMLLEDYTSDDNPPSH CTCPPKRRSSVTFEDEVQIKEAAKNSILHVKAEVH</p> <p>KSLDSYAASLAKAIEAEAKINLFG EEALPGVLVTARTVPGGGFGGRRGSRTLVSQRL</p> <p>QLQSIEEGDVLAAEQR</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b> | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b> | 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

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| <b>Gene Name</b>  | GPR161                                                                 |
| <b>Synonyms</b>   | GPR161; G-protein coupled receptor 161; G-protein coupled receptor RE2 |
| <b>UniProt ID</b> | <a href="#">Q8N6U8</a>                                                 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA