

Recombinant Human GPR78 Protein, His&GST-tagged

Cat. No. GPR78-1583H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR78 Protein (Val271-His363) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val271-His363
Description	The protein encoded by this gene belongs to the G protein-coupled receptor family, which contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.4 kDa Accurate Molecular Mass: 42 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	GPR78 G protein-coupled receptor 78 [Homo sapiens (human)]
Official Symbol	GPR78
Synonyms	GPR78; G protein-coupled receptor 78; G-protein coupled receptor 78
Gene ID	27201
mRNA Refseq	NM_080819
Protein Refseq	NP_543009
MIM	606921
UniProt ID	Q96P69

 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