

## Product datasheet

# Recombinant Human GPCR GPR45 protein ab161378

1 Image

### Overview

<b>Product name</b>	Recombinant Human GPCR GPR45 protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	<p>MACNSTSLEAYTYLLLNTSNASDSGSTQLPAPLRISLAI  VLLM MTVVGF  GNTVVCIIYQRPAMRSAINLLLATLAFSDIMLSLCCMPF  TAVTLITVRW  HFGDHFCLRSATLYWFFVLEGVAILLIISVDRFLIVQRQ  DKLNPRRAKV  IIAVSWLSFCIAGPSLTGWTLVEVPARAPQCVLGYTEL  PADRAYVVTLV  VAVFFAPFGVMLCAYMCILNTRKNAVRVHNQSDSLD  LRQLTRAGLRRQLQ  RQQQVSVDLSFKTKAFTTILILFVGFSLCWLPHSVYSL  SVFSQRFYCGS  SFYATSTCVLWLSYLKSVFNPIVYCWRIKKFREACIELL  PQTFQILPKVP ERIRRRIQPSTVYVCNENQSAV</p>
<b>Amino acids</b>	1 to 372
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab161378** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot
	ELISA

<b>Form</b>	Liquid
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**Additional notes**

Protein concentration is above or equal to 0.05 mg/ml.

**Preparation and Storage****Stability and Storage**

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

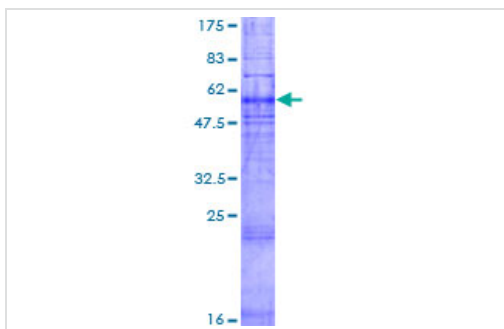
Constituents: 0.31% Glutathione, 0.79% Tris HCl

**General Info****Relevance**

GPCR GPR54 is a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. GPR45 is an orphan receptor, which may play a role in brain function.

**Cellular localization**

Cell membrane; Multi-pass membrane protein

**Images**

ab161378 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human GPCR GPR45 protein (ab161378)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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