

Recombinant Human GPR81, GST-tagged

Cat. No. GPR81-13490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPR81 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	250-346a.a.
Description	This gene encodes a member of the Golgi reassembly stacking protein family. These proteins may play a role in the stacking of Golgi cisternae and Golgi ribbon formation, as well as Golgi fragmentation during apoptosis or mitosis. The encoded protein also plays a role in the intracellular transport of transforming growth factor alpha and may function as a molecular chaperone. A pseudogene of this gene is located on the short arm of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

 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

Gene Name	HCAR1 hydroxycarboxylic acid receptor 1 [Homo sapiens]
Official Symbol	HCAR1
Synonyms	HCAR1; hydroxycarboxylic acid receptor 1; G protein coupled receptor 81 , G protein coupled receptor 104 , GPR81, GPR104; FKSG80; HCA1; LACR1; lactate receptor 1; TA GPCR; G protein-coupled receptor 81; G-protein coupled receptor 81; G protein-coupled receptor 104; G-protein coupled receptor 104; hydroxy-carboxylic acid receptor 1; T-cell activation G protein-coupled receptor; GPR81; GPR104; TA-GPCR;
Gene ID	27198
mRNA Refseq	NM_032554
Protein Refseq	NP_115943
MIM	606923
UniProt ID	Q9BXC0
Chromosome Location	12q24.31
Pathway	GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity;