

Recombinant Human S1PR3

Cat. No. S1PR3-28463TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human EDG3 with a N terminal proprietary tag: predicted molecular weight 34.10 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	77 amino acids
Description	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function.
Molecular Weight	34.100kDa inclusive of tags
Tissue specificity	Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

 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

cycles.

Sequences of amino acids SKEMRRAFFRLVCNCLVRGRGARASPIQPALDPSRSKSSSSNSSHSPKVKEDLPHTAPSSCIMDKNAALQNGIFCN

Sequence Similarities Belongs to the G-protein coupled receptor 1 family.

GENE INFORMATION

Gene Name S1PR3 sphingosine-1-phosphate receptor 3 [Homo sapiens]

Official Symbol S1PR3

Synonyms S1PR3; sphingosine-1-phosphate receptor 3; EDG3, endothelial differentiation, sphingolipid G protein coupled receptor, 3; sphingosine 1-phosphate receptor 3; EDG 3; sphingosine 1 phosphate receptor 3;

Gene ID 1903

mRNA Refseq NM_005226

Protein Refseq NP_005217

MIM 601965

Uniprot ID Q99500

Chromosome Location 9q22.1-q22.2

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i)

 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



signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Lysosphingolipid and LPA receptors, organism-specific biosystem;

Function

G-protein coupled receptor activity; lipid binding; lysosphingolipid and lysophosphatidic acid receptor activity; receptor activity; signal transducer activity;

 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