

Recombinant Full Length Human S1PR3 Protein, GST-tagged

Cat. No. S1PR3-4726HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EDG3 full-length ORF (NP_005217.2, 1 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	378 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. [provided by RefSeq, Jul 2008]
Molecular Mass	68.7 kDa
AA Sequence	MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVICSFIVLENL MVLIAIWKNNKFHNRMYFFIGNLALCDLLAGIAYKVNILMSGKKTFSLSPTVWFLREG SMFVALGASTCSLLAIAIERHLTMIKMRPYDANKRHRVFLIGMCWLIAFTLGLALPILG WNCLHNLPCDSTILPLYSKKYIAFCISIFTAILVTIVILYARIYFLVKSSSRKVANHHNNE RSMALLRTVVIVVSVFIACWSPFLFILFLIDVACRVQACPILFKAQWFIVLAVLNSAMNP VIYTLASKEMRRAFFRLVCNCLVRGRGARASPIQPALDPSRSKSSSSNSSHSPKVK EDLPHTAPSSCIMDKNAALQNGIFCN
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; S1P receptor 3; S1P receptor EDG3; S1P receptor Edg-3; sphingosine 1-phosphate receptor Edg-3; endothelial differentiation G-protein coupled receptor 3; G protein-coupled receptor, endothelial differentiation gene-3; endothelial differentiation, sphingolipid G-protein-coupled receptor, 3; EDG3; LPB3; S1P3; EDG-3; FLJ37523; FLJ93220; MGC71696;

Gene ID [1903](#)

mRNA Refseq [NM_005226](#)

Protein Refseq [NP_005217](#)

MIM [601965](#)

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UniProt ID

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