

Recombinant Human SCYL3, GST-tagged

Cat. No. SCYL3-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SCYL3 (2-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	2-end a.a.
Description	SCYL3 encodes a protein with a kinase domain and four HEAT repeats which interact with the C-terminal domain of ezrin, an ERM protein which play a role in cell adhesion and migration. C-terminal domain of SCYL3 interacts with the C-terminal alpha-helical domain of ezrin. Biochemical assays indicate that SCYL3 had associated rather than intrinsic protein kinase activity. SCYL3 is associated with the cytoplasmic face of the Golgi apparatus. This distribution is dependent upon the presence of the SCYL3 N-terminal myristoylation consensus sequence but is not dependent on an association with ezrin. SCYL3 is highly expressed in breast carcinoma cells and adult colon.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~110 kDa
Purity	>85% by densitometry

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Applications	Western Blot
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µl
GENE INFORMATION	
Gene Name	SCYL3 SCY1-like 3 (S. cerevisiae) [Homo sapiens]
Official Symbol	SCYL3
Synonyms	SCYL3; SCY1-like 3 (S. cerevisiae); protein-associating with the carboxyl-terminal domain of ezrin; ezrin binding partner PACE 1; PACE 1; PACE1; SCY1-like protein 3; ezrin-binding protein PACE-1; ezrin-binding partner PACE-1 (PACE-1); PACE-1; RP1-97P20.2;
Gene ID	57147
mRNA Refseq	NM_020423
Protein Refseq	NP_065156
MIM	608192
UniProt ID	Q8IZE3
Chromosome Location	1q24.2

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Function

ATP binding; NOT kinase activity; protein binding; protein kinase activity;

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