

Recombinant Human PAG1, His-tagged

Cat. No. PAG1-30060TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to intracellular amino acids 41/432 of Human PAG fused with a His tag at the N terminus.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a type III transmembrane adaptor protein that binds to the tyrosine kinase csk protein. It is thought to be involved in the regulation of T cell activation.
Conjugation	HIS
Tissue specificity	Ubiquitously expressed. Present in germinal center B-cells, plasma cells, T-cells, monocytes and platelets (at protein level).
Form	Lyophilised: Reconstitute with 100 ul sterile deionized water. For long term storage or for preparation of more diluted working stock solution, a carrier protein (e.g. 1% serum albumin) should be added to the vial.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 100mM Sodium chloride, 10mM Sodium phosphate, pH 8

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Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION
Gene Name

PAG1 phosphoprotein associated with glycosphingolipid microdomains 1 [Homo sapiens]

Official Symbol

PAG1

Synonyms

PAG1; phosphoprotein associated with glycosphingolipid microdomains 1; phosphoprotein associated with glycosphingolipid-enriched microdomains 1; CBP; Csk binding protein; PAG; transmembrane adaptor protein PAG;

Gene ID

55824

mRNA Refseq

NM_018440

Protein Refseq

NP_060910

MIM

605767

Uniprot ID

Q9NWQ8

**Chromosome
Location**

8q21.13

Pathway

Adaptive Immune System, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; GAB1 signalosome, organism-specific biosystem; Immune System, organism-specific biosystem;

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Function

SH2 domain binding; SH3/SH2 adaptor activity; protein binding;

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