

Recombinant Human CABIN1 Protein, His/GST-tagged

Cat. No. CABIN1-577H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CABIN1(Ser23~Glu288) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser23~Glu288
Description	Calcineurin plays an important role in the T-cell receptor-mediated signal transduction pathway. The protein encoded by this gene binds specifically to the activated form of calcineurin and inhibits calcineurin-mediated signal transduction. The encoded protein is found in the nucleus and contains a leucine zipper domain as well as several PEST motifs, sequences which confer targeted degradation to those proteins which contain them. Alternative splicing results in multiple transcript variants encoding two different isoforms.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	60.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

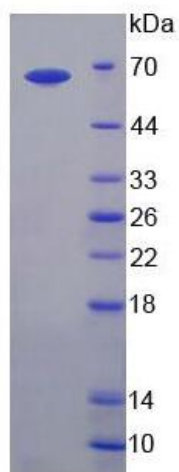
GENE INFORMATION

Gene Name	CABIN1 calcineurin binding protein 1 [Homo sapiens]
Official Symbol	CABIN1
Synonyms	CABIN1; calcineurin binding protein 1; calcineurin-binding protein cabin-1; KIAA0330; PPP3IN; calcineurin inhibitor; calcineurin binding protein cabin 1; CAIN;
Gene ID	23523
mRNA Refseq	NM_001199281
Protein Refseq	NP_001186210
MIM	604251
UniProt ID	Q9Y6J0

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15% SDS-PAGE

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