

Recombinant Human CGN protein, GST-tagged

Cat. No. CGN-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGN protein(NP_065821)(1-350 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAEPRGPVDHGVQIRFITEPVSGAEMGTLRRGGRRPAKDARASTYGVAVRVQGIAG QPFVVLNSGEKGGDSFGVQIKGANDQGASGALSSDLELPENPYSQVKGFPAPSQS STSDEEPGAYWNGKLLRSHSQASLAGPGPVDPSNRSNSMLELAPKVASPGSTIDTA PLSSVDLINKFDSQLGGQARGRTGRRTRMLPPEQRKRSKSLDSRLPRDTFEERER QSTNHWTSSSTKYDNHVGTSKQPAQSQNLSPLSGFSRSRQTQDWVLQSFEERRS AQDPTMLQFKSTPDLLRDQQEAAPPGSVDHMKATIYGILREGSSESETSVRRKVSLV LEKMQPLVMVSSGSTK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CGN cingulin [Homo sapiens]
Official Symbol	CGN
Synonyms	CGN; cingulin; KIAA1319; FLJ39281; DKFZp779N1112;
Gene ID	57530
mRNA Refseq	NM_020770
Protein Refseq	NP_065821
MIM	609473
UniProt ID	Q9P2M7

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