

Recombinant Full Length Human CHAC2 Protein, C-Flag-tagged

Cat. No. CHAC2-1084HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CHAC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a gamma-glutamyl cyclotransferase that catalyzes the conversion of glutathione to 5-oxoproline and cysteinylglycine. It is thought that this gene is upregulated in response to endoplasmic reticulum stress and that the glutathione depletion enhances apoptosis.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	20.7 kDa
AA Sequence	MWVFGYGSLIWKVDVPYQDKLVGYITNYSRRFWQGSTDHRGVPGKPGRRVTLVED PAGCVWGVAYRLPVG KEEEVKAYLDFREKGGYRTTTFVIFYPKDPTTKPFSVLLYIGT CDNPDYLGPALEDIAEQIFNAAGPSGR NTEYLFELANSIRNLVPEEADEHLFALEKLVKERLEGKQNLNCITRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CHAC2 ChaC glutathione specific gamma-glutamylcyclotransferase 2 [Homo sapiens (human)]
Official Symbol	CHAC2
Synonyms	GCG1
Gene ID	494143
mRNA Refseq	NM_001008708.4
Protein Refseq	NP_001008708.1
MIM	617446
UniProt ID	Q8WUX2

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