

Recombinant Human CHAC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHAC2-2028H Lot. No. (See product label)

SPECIFICATION

Product Overview	CHAC2 MS Standard C13 and N15-labeled recombinant protein (NP_001008708) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	20.9 kDa
AA Sequence	MWVFGYGSLIWKVDFPYQDKLVGYITNYSRRFWQGSTDHRGVP GK PGRVVTLVED PAGCVWGVAYRLPVGKEEEVKAYLDFREKGGYRTTTVIFYPKDPTTKPFSVLLYIGT CDNPDYLG PAPLEDIAEQIFNAAGPSGRNTEYLFELANSIRNLVPEEAD EHLFALEKL VKERLEGKQNLNCITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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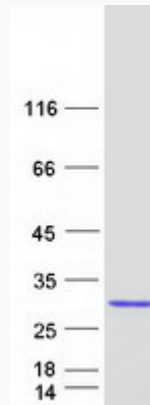
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CHAC2 ChaC glutathione specific gamma-glutamylcyclotransferase 2 [Homo sapiens (human)]
Official Symbol	CHAC2
Synonyms	Cation transport regulator like protein 2; Cation transport regulator-like protein 2; ChaC, cation transport regulator homolog 2 (E. coli); chac2; CHAC2_HUMAN;
Gene ID	494143
mRNA Refseq	NM_001008708
Protein Refseq	NP_001008708
MIM	617446
UniProt ID	Q8WUX2

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SDS-PAGE



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