

Recombinant Mouse Chac2 Protein, Myc/DDK-tagged

Cat. No. Chac2-2135M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ChaC, cation transport regulator 2 (Chac2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the cleavage of glutathione into 5-oxo-L-proline and a Cys-Gly dipeptide. Acts specifically on glutathione, but not on other gamma-glutamyl peptides.
Molecular Mass	20.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Chac2 ChaC, cation transport regulator 2 [Mus musculus (house mouse)]
Official Symbol	Chac2
Synonyms	Chac2; ChaC, cation transport regulator 2; putative glutathione-specific gamma-glutamylcyclotransferase 2; ChaC, cation transport regulator homolog 2; cation transport regulator-like protein 2; gamma-GCG 2; EC 4.3.2.7
Gene ID	68044
mRNA Refseq	NM_026527
Protein Refseq	NP_080803
UniProt ID	Q9CQG1

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