

Recombinant Full Length Human CHAC1 Protein, C-Flag-tagged

Cat. No. CHAC1-431HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human CHAC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

This gene encodes a member of the gamma-glutamylcyclotransferase family of proteins. The encoded protein has been shown to promote neuronal differentiation by deglycosylation of the Notch receptor, which prevents receptor maturation and inhibits Notch signaling. This protein may also play a role in the unfolded protein response, and in regulation of glutathione levels and oxidative balance in the cell. Elevated expression of this gene may indicate increased risk of cancer recurrence among breast and ovarian cancer patients.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

24.2 kDa

AA Sequence

MKQESAAPNTPPTSQSPTPSAQFPRNDGDPQALWIFGYGSLVWRPDFAYSDSRVG
FVRGYSRRFWQGDTF HRGSDKMPGRVVTLLLEDHEGCTWGVAYQVQGEQVSKAL
KYLNVREAVLGGYDTKEVTFYPQDAPDQPLKA LAYVATPQNPGYLGPAPEEAIATQI
LACRGFSGHNLEYLLRLADFMQLCGPQAQDEHLAAIVDAVGTMLP
CFCPTEQALALVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.
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	CHAC1 ChaC glutathione specific gamma-glutamylcyclotransferase 1 [Homo sapiens (human)]
Official Symbol	CHAC1
Synonyms	MGC4504
Gene ID	79094
mRNA Refseq	NM_024111.6
Protein Refseq	NP_077016.3
MIM	614587

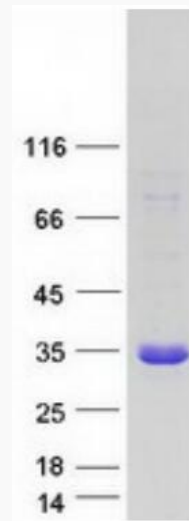
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UniProt ID

Q9BUX1



Coomassie blue staining of purified CHAC1 protein.

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