9051 Mira Mesa Blvd, #910094
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CHAC2 Human

ChaC Cation Transport Regulator Homolog 2 Human Recombinant
RCP0416

Product Overview

Name	CHAC2 Human

Description

ChaC Cation Transport Regulator Homolog 2 Human Recombinant

Accession (Primary)	Q8WUX2

Synonyms

ChaC Cation Transport Regulator Homolog 2 (E. Coli), ChaC Cation Transport Regulator-Like 2 (E. Coli), Gamma-GCT Acting On Glutathione Homolog 2.

Introduction

Cation transport regulator-like protein 2 (CHAC2) is a member of the chaC family. Catalyzes the cleavage glutathione into 5-oxoproline and a Cys-Gly dipeptide. Acts specifically on glutathione, but not on other gamma-glutamyl peptides.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The CHAC2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MWVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHRGVPGKPG RVVTLVEDPA GCVWGVAYRL PVGKEEEVKA YLDFREKGGY RTTTVIFYPK DPTTKPFSVL LYIGTCDNPD YLGPAPLEDI AEQIFNAAGP SGRNTEYLFE LANSIRNLVP EEADEHLFAL EKLVKERLEG KQNLNCI

Precautions

CHAC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q8WUX2)