

## ChaC Cation Transport Regulator Homolog 2 Human Recombinant

<b>Item Number</b>	rAP-4108
<b>Synonyms</b>	ChaC Cation Transport Regulator Homolog 2 (E. Coli), ChaC Cation Transport Regulator-Like 2 (E. Coli), Gamma-GCT Acting On Glutathione Homolog 2.
<b>Description</b>	CHAC2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (1-184) and having a molecular mass of 23.3 kDa. CHAC2 is fused to a 23 amino acid His-tag at N-terminus.
<b>Uniprot Accession Number</b>	Q8WUX2
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMWVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHR-GVPGKPG RVVTLVEDPA GCVWGVAYRL PVGKEEEVKA YLDFREKGGY RTTTVIFYPK DPTTKPFSVL LYIGTCDNPD YLGPAPLEDI AEQIFNAAGP SGRNTEYLF E LANSIRNLVP EEADEHLFAL EKLVKERLEG KQNLNCI
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The CHAC2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**