

Calcium Binding Protein P22 Human Recombinant

Item Number	rAP-4477
Synonyms	CHP, CHP Human, Calcium-binding protein p22, Calcium-binding protein CHP, Calcineurin homologous protein, Calcineurin B homolog, SLC9A1BP.
Description	CHP Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (1-195 a.a.) and having a molecular mass of 24.7 kDa. The CHP is fused to 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99653
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MMGSRASLL RDEELEEIKK ETGFSHSQIT RLYSRFTSLD KGENGTLSRE DFQRIPELAI NPLGDRIINA FFPEGEDQVN FRGFMRTLAH FRPIEDNEKS KDVNGPEPLN SRSNKLHFAF RLYDLKDEK ISRDELLQVL RMMVGVNISD EQLGSIADRT IQEADQDGDS AISFTEFVKV LEKVDVEQKM SIRFLH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless 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.
Formulation and Purity	CHP Human solution containing 20mM Tris-HCl pH-7.5 & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**