

Calcium Regulated Heat Stable Protein 1 Human Recombinant

Item Number	rAP-4346
Synonyms	Calcium-regulated heat stable protein 1, Calcium-regulated heat-stable protein of 24 kDa, CRHSP-24, CARHSP1, asCSDC1, MGC111446.
Description	CRAHSP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 167 amino acids (1-147 a.a.) and having a molecular mass of 18kDa. The CRAHSP1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	O95057
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSEPPPPPQ PPTHQASVGL LDTPRSRERS PSPLRGNVVP SPLP- TRRTRT FSATVRASQG PVYKGVCKCF CRSKGGHGFIT PADGGPDIFL HISDVEGEYV PVEGDEVITYK MCSIPPKNEK LQAVEVITH LAPGKHWETW SGHVISS.
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	The CRAHSP1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol and 0.1M NaCl. Greater than 90.0% 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**