

Neuronal Calcium Sensor 1 213 a.a. Human Recombinant

Item Number	rAP-3696
Synonyms	Neuronal Calcium Sensor 1, Frequenin-Like Ubiquitous Protein, Frequenin-Like Protein, Frequenin Homolog, FREQ, FLUP, Frequenin (Drosophila) Homolog, Frequenin Homolog (Drosophila), FREQ, NCS-1, Neuronal
Description	NCS1 213 a.a. Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 213 amino acids (1-190 a.a) and having a molecular mass of 24.3kDa.
Uniprot Accesion Number	P62166
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGKSNSK LKPEVVEELT RKTYFTEKEV QQWYKGFID CPSGQLDAAG FQKIYKQFFP FGDPTKFATF VFNVDENKD GRIEFSEFIQ ALSVTSRGT L DEKLRWAFKL YDLNDNGYIT RNEMLDIVDA IYQMGVNTVE LPEEENTPEK RVDRIFAMMD KNADGKLT LQ EFQEGSKADP SIVQALS LYD GLV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	NCS1 213 a.a. protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 95% 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**