

Neuronal Calcium Sensor 1 Human Recombinant

Item Number	rAP-3697
Synonyms	Frequenin homolog, FLUP, FREQ, Neuronal calcium sensor 1, Frequenin-like protein, Frequenin-like ubiquitous protein, NCS-1, NCS1, DKFZp761L1223.
Description	NCS1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 198 amino acids (1-190 a.a.) and having a molecular mass of 22.9 kDa. The NCS1 is fused to an 8 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P62166
Amino Acid Sequence	MGKSNSKLKP EVVEELTRKT YFTEKEVQQW YKGFIKDCPS GQLDAAGFQK IYKQFFPGD PTKFAT-FVFN VFDENKDGR EFSEFIQALS VTSRGLDEK LRWAFKLYDL DNDGYITRNE MLDIVDAIYQ MVGNTVELPE EENTPEKRVD RIFAMMDKNA DGKLTQEFQ EGSKADPSIV QALSLYDGLV LEHHHHHH.
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	The NCS1 solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol. 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 end users! This product is sold for **Research Use Only**