Recombinant Human NCS1 protein, His-tagged

Cat. No. NCS1-29298TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCS1 protein(1-190 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-190 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MGKSNSKLKPEVVEELTRKTYFTEKEVQQWYKGFIKDCPSGQLDAAGFQKIYKQFF PFGDPTKFATFVFNVFDENKDGRIEFSEFIQALSVTSRGTLDEKLRWAFKLYDLDND GYITRNEMLDIVDAIYQMVGNTVELPEEENTPEKRVDRIFAMMDKNADGKLTLQEFQ EGSKADPSIVQALSLYDGLV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	NCS1 neuronal calcium sensor 1 [Homo sapiens]
Official Symbol	NCS1
Synonyms	NCS1; neuronal calcium sensor 1; FREQ, frequenin (Drosophila) homolog , frequenin homolog (Drosophila); NCS 1; frequenin homolog; frequenin-like protein; frequenin-like ubiquitous protein; FLUP; FREQ; DKFZp761L1223;
Gene ID	23413
mRNA Refseq	NM_001128826
Protein Refseq	NP_001122298
MIM	603315
UniProt ID	P62166

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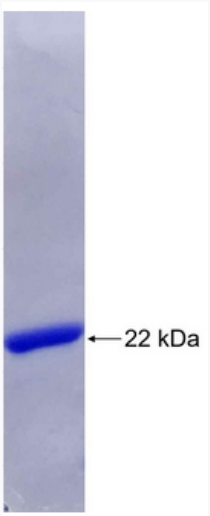
SDS-PAGE



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