

CETN2, 1-172aa, Human, His tag, E.coli

Cat.NO.: TP01586

3th Edition

Synonyms: Caltractin, CALT, CEN2, Centrin-2

Description: CETN2, also called caltractin, belongs to a family of calcium-binding proteins and is a structural component of the centrosome. This protein plays a role in nucleotide excision repair via association with xeroderma pigmentosum group C protein, suggesting possible coupling of cell division and nucleotide excision repair.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

Molecular Weight: 21.9 kDa (192aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMASNFKKANMASSSQQRKRMSPKPELTEEQKQEIREAFDLFDADGTGTIDVKELKV
AMRALGFEPKKEEIKKMISEIDKEGTGKMNFDFLTVMTQKMSEKDTKEEILKAFKLFDDDETGGKISFKNLKRVAKEL
GENLTDEELQEMIDEADRDGDGEVSEQEFLRIMKKTSLY

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.