

NECAP2, 1-263aa, Human, His tag, E.coli

Cat.NO.: TP03136

3th Edition

Synonyms:NECAP endocytosis associated 2, FLJ10420.

Description:NECAP2, also known as adaptin ear-binding coat-associated protein 2, is a essential protein paralogues for clathrin-mediated membrane trafficking that are enriched in CCV coats. This protein colocalizes with AP-2 at the plasma membrane by binding AP-2s ϵ -ear domain, and interacts with AP-1, AP-2 and several GAE domain proteins termed GGA1, GGA2 and GGA3. NECAP2 is Involved in endocytosis.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

Molecular Weight:30.5 kDa (283 aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMEESGYESVLCVKPDVHVYRIPPRATNRYRAAEWQLDQPSWSGRLRITAKGQ
MAYIKLEDRTSGELFAQAPVDQFPGTAVESVTDSSRYFVIRIEDGNRRAFIGIFGDRGDAFDNFVALQDHFQWV
KQQCEFAKQAQNPDQGPKLDLGFKEGQTIKLNIANMKKKEGAAGNPRVRPASTGGLSLLPPPPGGKTSTLIPPPGE
QLAVGGSLVQPAVAPSSGGAPVPWPQNPATADIWGDFTKSTGSTSSQTQPGTGWVQF

Purity:> 95% by HPLC

Concentration:1 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.