

Recombinant Human NECAP2, His-tagged

Cat. No. NECAP2-3483H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human NECAP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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 α -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
Purity	> 85% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEESGYESVL CVKPDVHVYR IPPRATNRGY RAAEWQLDQP SWSGRLRITA KGQMAYIKLE DRTSGELFAQ APVDQFPGTA VESVTDSSRY FVIRIEDGNG RRAFIGIGFG DRGDAFDENV ALQDHFKWVK

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QQCEFAKQAQ NPDQGPKLDL GFKEGQTIKL NIANMKKKEG AAGNPRVRPA
 STGGLSLLPP PPGGKTSTLI PPPGEQLAVG GSLVQPAVAP SSGGAPVPWP
 QPNPATADIW GDFTKSTGST SSQTQPGTGW VQF

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.

GENE INFORMATION

Gene Name

[NECAP2](#) [NECAP](#) endocytosis associated 2 [[Homo sapiens](#)]

Synonyms

FLJ10420; [NECAP2](#); [NECAP](#) endocytosis associated 2; adaptin ear-binding coat-associated protein 2; [NECAP-2](#); [OTTHUMP00000221695](#); [OTTHUMP00000221697](#); [OTTHUMP00000221698](#); [NECAP](#) endocytosis-associated protein 2

Gene ID

[55707](#)

mRNA Refseq

[NM_001145277](#)

Protein Refseq

[NP_001138749](#)

MIM

[611624](#)

UniProt ID

[Q9NVZ3](#)

**Chromosome
Location**

1p36.13

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