

NECAP2 Human

Description:NECAP2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 283 amino acids (1-263a.a.) and having a molecular mass of 30.5 kDa. NECAP2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-187

For research use only.

Synonyms:NECAP endocytosis-associated protein 2, NECAP-2, FLJ10420, Adaptin ear-binding coat-associated protein 2.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MEESGYESVL CVKPDVHVYR
IPPRATNRGY RAAEWQLDQP SWSGRLRITA KGQMAYIKLE DRTSGELFAQ APVDQFPGTA
VESVTDSSRY FVIRIEDGNG RRAFIGIGFG DRGDAFDNFV ALQDHFkWVK QQCEFAKQAQ
NPDQGPKLDL GFKEGQTIKL NIANMKKKEG AAGNPRVRPA STGGLSLLPP PPGGKTSTLI
PPPGEQLAVG GS

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

The NECAP2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 2mM DTT and 10% glycerol.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

NECAP2 which is involved in endocytosis, is a vital protein paralogues for clathrin-mediated membrane trafficking which are enhanced in CCV layers. NECAP2 protein colocalizes with AP-2 at the plasma membrane by binding AP-2s -ear domain, and interacts with AP-1, AP-2 and several GAE domain proteins termed GGA1, GGA2 and GGA3.

Storage:

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.

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