

NECAP2 Protein, Human (His)

Cat. No.:	HY-P70922
Synonyms:	Adaptin ear-binding coat-associated protein 2; NECAP endocytosis associated protein 2; NECAP2
Species:	Human
Source:	E. coli
Accession:	Q9NVZ3 (M1-F263)
Gene ID:	55707
Molecular Weight:	Approximately 35.0 kDa

PROPERTIES

AA Sequence	<pre> M E E S G Y E S V L C V K P D V H V Y R I P P R A T N R G Y R A A E W Q L D Q P S W S G R L R I T A K G Q M A Y I K L E D R T S G E L F A Q A P V D Q F P G T A V E S V T D S S R Y F V I R I E D G N G R R A F I G I G F G D R G D A F D F N V A L Q D H F K W V K Q Q C E F A K Q A Q N P D Q G P K L D L G F K E G Q T I K L N I A N M K K K E G A A G N P R V R P A S T G G L S L L P P P P G G K T S T L I P P P G E Q L A V G G S L V Q P A V A P S S G G A P V P W P Q P N P A T A D I W G D F T K S T G S T S S Q T Q P G T G W V Q F </pre>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 2 mM EDTA, 1 mM DTT, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	NECAP2 protein assumes a pivotal role in the intricate process of endocytosis, where it interfaces with crucial components of adapter protein complexes AP-1 and AP-2, specifically interacting with AP1G1 and AP2A1. Furthermore, NECAP2 establishes connections with the GAE domain proteins GGA1, GGA2, and GGA3, revealing its involvement in a network of molecular interactions that contribute to the orchestration of endocytic events. Through these associations, NECAP2 emerges as a key player in regulating cellular processes associated with membrane trafficking and vesicular transport.
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Caution: Product has not been fully validated for medical applications. For research use only.

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