

Recombinant Human NECAP2 protein, GST-tagged

Cat. No. NECAP2-1250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NECAP2 protein(1-263 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-263 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MEESGYESVLCVKPDVHVYRIPPRATNRYRAAEWQLDQPSWSGRLRITAKGQMA YIKLEDRTSGELFAQAPVDQFPGTAVESVTDSSRYFVIRIEDGNGRRAFIGIGFGDRG DAFDNFVALQDHFQWVKQQCEFAKQAQNPDQGPKLDLGFKEGQTIKLNIANMKKKE GAAGNPRVRPASTGGLSLLPPPPGGKTSTLIPPPGEQLAVGGSLVQPAVAPSSGGA PVPWPQPNPATADIWGDFTKSTGSTSSQTQPGTGWVQF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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

Official Symbol [NECAP2](#)

Synonyms

NECAP2; NECAP endocytosis associated 2; adaptin ear-binding coat-associated protein 2; FLJ10420; NECAP-2; NECAP endocytosis-associated protein 2; adaptin-ear-binding coat-associated protein 2;

Gene ID [55707](#)

mRNA Refseq [NM_001145277](#)

Protein Refseq [NP_001138749](#)

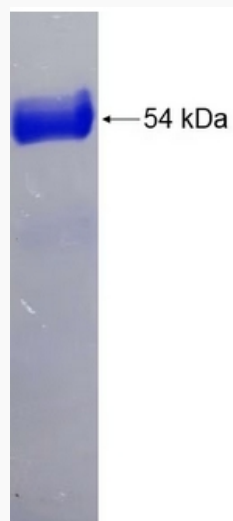
MIM [611624](#)

UniProt ID [Q9NVZ3](#)

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SDS-PAGE

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