

Recombinant Human APOBEC2 protein, GST-tagged

Cat. No. APOBEC2-9752H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOBEC2 protein(1-224 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-224 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	MAQKEEAAVATEAASQNGEDLENLDDPEKLKELIELPPFEIVTGERLPANFFKFQFR NVEYSSGRNKTFLCYVVEAQGKGGQVQASRGYLEDEHAAAHAEAAFFNTILPAFDP ALRYNVTWYVSSSPCAACADRIIKTSLKTKNLRLLILVGRLFMWEEPEIQAALKKLKEA GCKLRIMKPQDFEYVWQNFVEQEESKAFQPWEDIQENFLYYEEKLADILK
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 repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

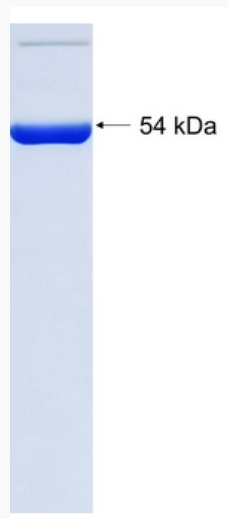
Gene Name	APOBEC2 apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 [Homo sapiens]
Official Symbol	APOBEC2
Synonyms	APOBEC2; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2; probable C->U-editing enzyme APOBEC-2; ARCD1; ARP1; probable C-> U-editing enzyme APOBEC-2; apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2;
Gene ID	10930
mRNA Refseq	NM_006789
Protein Refseq	NP_006780
MIM	604797
UniProt ID	Q9Y235

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SDS-PAGE



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