

Recombinant Human ANKRD54, His-tagged

Cat. No. ANKRD54-7611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANKRD54 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
ProteinLength	1-300aa
Description	ANKRD54, also known as LIAR, contains 4 ANK repeats. This protein plays an important role in regulating intracellular signaling events associated with erythroid terminal differentiation. This protein interacts (via ankyrin repeat region) with LYN (via SH3-domain) in an activation-independent status of LYN. It forms a multiprotein complex with LYN and HCLS1. ANKRD54 also interacts with TSN2, VAV1, DBNL AND LASP1.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	34.9kDa (323aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAAAGD ADDEPRSGHS SSEGECVAVAP EPLTDAEGLF SFADFGSALG GGGAGLSGRA SGGAQSPLRY LHVWLWQQDAE PRDELCKIP AGRLRRAARP HRRLGPTGKE VHALKRLRDS ANANDVETVQ QLLEDGADPC AADDKGRTAL HFASCNGNDQ IVQLLLDHGA DPNQRDGLGN

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TPLHAACTN HVPVITTLR GGARVDALDR AGRTPLHLAK SKLNILQEGH
 AQCLEAVRLE VKQIIHMLRE YLERLGQHEQ RERLDDLCTR LQMTSTKEQV
 DEVTDLLASF TSLSLQMQSM EKR

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml?

GENE INFORMATION

Gene Name [ANKRD54 ankyrin repeat domain 54 \[Homo sapiens \]](#)

Official Symbol ANKRD54

Synonyms ANKRD54; ankyrin repeat domain 54; ankyrin repeat domain-containing protein 54; LIAR;

Gene ID [129138](#)

mRNA Refseq [NM_138797](#)

Protein Refseq [NP_620152](#)

MIM [613383](#)

UniProt ID [Q6NXT1](#)

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Chromosome Location	22q13.1
Function	protein complex binding; protein kinase regulator activity;