

Product information



ANKRD54, 1-300aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2122

Full name: Ankyrin repeat domain-containing protein 54

NCBI Accession No.: NP_620152

Synonyms: LIAR

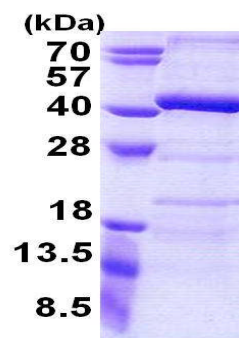
Description: ANKRD54, also known as LIAR, contains 4 ANK repeats. This protein plays an important role in regulating intracellular signaling events associated with erythroid terminal differentiation. This protein interacts (via ankyrin repeat region) with LYN (via SH3-domain) in an activation-independent status of LYN. It forms a multiprotein complex with LYN and HCLS1. ANKRD54 also interacts with TSN2, VAV1, DBNL AND LASP1. Recombinant human ANKRD54 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight: 34.9kDa (323aa), confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMAAAAGD ADDEPRSGHS SSEGECVAVP EPLTDAEGLF SFADFGSALG GGGAGLSGRA SGGAQSPRLY
LHVLWQQDAE PRDELRCCKIP AGRLRRAARP HRRLGPTGKE VHALKRLRDS ANANDVETVQ QLLEDGADPC AADDKGR TAL HFASCNGNDQ
IVQLLLDHGA DPNQRDGLGN TPLHLA ACTN HVPVITLLR GGARVDALDR AGRTPLHLAK SKLNI LQEGH AQCLEAVRLE VKQI IHMLRE
YLERLGQHEQ RERLDDLCTR LQMTSTKEQV DEVTDLLASF TSLSLQM QSM EKR

General references:

Gustafsson, M.O., *et al.* (2012) *Mol. Cell. Biol.* 32 (13), 2440-2453

Olsen, J.V., *et al.* (2006) *Cell* 127 (3), 635-648

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com