

Recombinant Human ANKHD1 Protein, His-tagged

Cat. No. ANKHD1-155H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKHD1 Protein (Val204-Ala563) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val204-Ala563
Description	This gene encodes a protein with multiple ankyrin repeat domains and a single KH-domain. The protein is thought to function as a scaffolding protein, and it may be involved in the regulation of caspases and thereby play an antiapoptotic role in cell survival. Alternative splicing results in multiple transcript variants, one of which generates a fusion transcript (MASK-BP3) with the downstream eIF4E-binding protein 3 (EIF4EBP3) gene, resulting in a protein comprised of the ANKHD1 sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.8 kDa Accurate Molecular Mass: 43 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ANKHD1 ankyrin repeat and KH domain containing 1 [Homo sapiens (human)]
Official Symbol	ANKHD1
Synonyms	ANKHD1; ankyrin repeat and KH domain containing 1; ankyrin repeat and KH domain-containing protein 1; FLJ10042; FLJ11979; FLJ14127; FLJ20288; KIAA1085; MASK; HIV-1 Vpr-binding ankyrin repeat protein; multiple ankyrin repeats, single KH-domain homolog; VBARP; PP2500
Gene ID	54882
mRNA Refseq	NM_001197030
Protein Refseq	NP_001183959

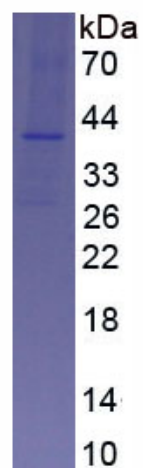
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MIM	610500
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UniProt ID	Q8IWZ3
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