

Recombinant Human ANKHD1, His-tagged

Cat. No. ANKHD1-9659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKHD1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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Gene Name	ANKHD1 ankyrin repeat and KH domain containing 1 [Homo sapiens]
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
MIM	610500
UniProt ID	Q8IWZ3
Chromosome Location	5q31.3
Function	RNA binding; protein binding;