

Recombinant Human ANKMY1 protein, His-tagged

Cat. No. ANKMY1-9660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKMY1 protein(302-579 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	302-579 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 7.4). 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 300 mM imidazole.
AASequence	GHVESGLEDVLGNTDRGSLCSAETKFESNVCVCDFSIELSQAMLERSAQSHSLLKM ASPSPTSSFDKGTMRMALSMIERRKRWRTIKLLLRRGADPNLCCVPMQVFLAV KAGDVDGVRLLLEHGARTDICFPQC
Purity	90%, 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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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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	ANKMY1 ankyrin repeat and MYND domain containing 1 [Homo sapiens]
Official Symbol	ANKMY1
Synonyms	ANKMY1; ankyrin repeat and MYND domain containing 1; ankyrin repeat and MYND domain-containing protein 1; FLJ20499; ZMYND13; testis specific ankyrin-like protein 1; testis-specific ankyrin-like protein 1; zinc finger MYND domain-containing protein 13; DKFZp686D20155; DKFZp686L21237;
Gene ID	51281
mRNA Refseq	NM_016552
Protein Refseq	NP_057636
UniProt ID	Q9P2S6

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