

Recombinant Human KRIT1 protein, His-tagged

Cat. No. KRIT1-2773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRIT1 protein(471-585 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	471-585 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SLQLKPYHKPLQHVRDWPEILAEITNLDLPQRETPQLFLRRDVRLPLEVEKQIEDPLAILILFDEARYNLLKGFYTAPDAKLITLASLLQIVYGNYESKKHKQGFLNEENLKSIV
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	KRIT1 KRIT1, ankyrin repeat containing [Homo sapiens]
Official Symbol	KRIT1
Synonyms	KRIT1; KRIT1, ankyrin repeat containing; CCM1, cerebral cavernous malformations 1; krev interaction trapped protein 1; CAM; krev interaction trapped 1; ankyrin repeat-containing protein Krit1; cerebral cavernous malformations 1 protein; CCM1;
Gene ID	889
mRNA Refseq	NM_001013406
Protein Refseq	NP_001013424
MIM	604214
UniProt ID	O00522

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