

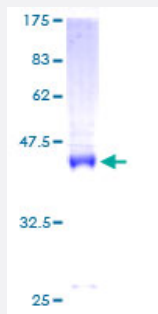
Full-Length

ZNF9 (Human) Recombinant Protein (P01)

Catalog # H00007555-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ZNF9 full-length ORF (AAH00288, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQVSSSLPDICYRCGESGHLAKDCDL QEDACYNCGRGGHIAKDCKEPREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKD CTKVKCYRCGETGHVAINCSKTSEVNCYRCGESGHLARECTIEATA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.44
Interspecies Antigen Sequence	Mouse (100); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CNBP

Entrez GeneID [7555](#)

GeneBank Accession# [BC000288](#)

Protein Accession# [AAH00288](#)

Gene Name CNBP

Gene Alias CNBP1, DM2, FLJ11631, PROMM, RNF163, ZCCHC22, ZNF9

Gene Description CCHC-type zinc finger, nucleic acid binding protein

Omim ID [116955 602668](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations cellular nucleic acid binding protein|erythroid differentiation-related|myotonic dystrophy type 2 protein|sterol regulatory element-binding protein|zinc finger protein 273|zinc finger protein 9|zinc finger protein 9 (a cellular retroviral nucleic acid bin

Publication Reference

- [Mutant \(CCTG\)_n Expansion Causes Abnormal Expression of Zinc Finger Protein 9 in Myotonic Dystrophy Type 2.](#)

Raheem O, Olufemi SE, Bachinski LL, Vihola A, Sirito M, Holmlund-Hampf J, Haapasalo H, Li YP, Udd B, Krahe R.

The American Journal of Pathology 2010 Dec; 177(6):3025.

Application: WB-Ti, Human, Human muscle samples

Disease

- [Fibromyalgia](#)
- [Myotonic Disorders](#)
- [Myotonic dystrophy](#)