

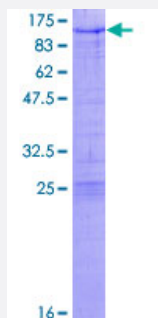
Full-Length

ZNF274 (Human) Recombinant Protein (P01)

Catalog # H00010782-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ZNF274 full-length ORF (NP_598009.1, 1 a.a. - 653 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASRLPTAWSCEPVTTFEDVTLGFTPEEWGLLDLKQKSLYREVMLENYRNLVSVEHQLSKPDVVS
QLEEAEDFWPVERGIPQDTIPEYELQLDPKLDPLPAESPLMNIEVVEVLTLNQEVA GPRNAQIQA
LYAEDGSL SADAPSEQVQQQGKHPGDPEAARQRFQFRYKDMTGPREALDQLRELCHQWLQP
KARSKEQILELLVLEQFLGALPVKLRTWVESQHPENCQEVVALVEGVTWMSEEEVLPAGQPAE
GTTCCLEVTAQQEEKQEDAAICPVTVLPEEPVTFQDVAVD FSREEWG LLGPTQRTEYRDV MLET
FGHLVSVGWETTLENKELAPNSDIPEEPPAPSLKVQESSRDCAL SSTLEDTLQGGVQEVQD TVL
KQMESAQEKDLPQKKHFDNRESQANS GALDTNQVSLQKIDNPESQANS GALDTNQVLLHKIPPR
KRLRK RDSQVKSMKHNSRVKIHQKSCERQKAKEGNGCRKTF SRSTKQITFIRIHKGSQVCRCSEC
GKIFRNPRYFSVHKKIHTGERPYVCQDCGKGFVQSSSLTQHQRVHSGERPFECCQECGRTFNDRS
AISQHLRTHTGAKPYKCQDCGKA FRQSSHLIRHQRTH TGERPYACNKCGKAFTQSSHLIGHQRTH
NRTKRKKKQPTS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.6

Interspecies Antigen Sequence

Mouse (41); Rat (39)

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 — ZNF274

Entrez GeneID	10782
GeneBank Accession#	NM_133502.1
Protein Accession#	NP_598009.1
Gene Name	ZNF274
Gene Alias	DKFZp686K08243, FLJ37843, HFB101, ZF2, ZKSCAN19
Gene Description	zinc finger protein 274
Omim ID	605467
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq]
Other Designations	KRAB zinc finger protein HFB101 zinc finger protein zfp2

Pathway

- [Neurotrophin signaling pathway](#)