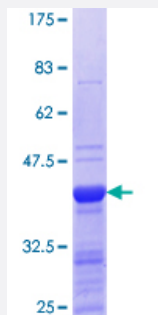


ING4 (Human) Recombinant Protein (Q01)

Catalog # H00051147-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ING4 partial ORF (NP_057246.2, 73 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GKCKEFGDDKVQLAMQTYEMVDKHIRRLDTDLARFEADLKEKQIESDYDSSSSKGKKSRTQKE KKAARARSKGKNSDEEAPKTAQKKLKLVRTSPEYGMPSVTFGSV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (98); Rat (97)
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 — ING4

Entrez GeneID [51147](#)

GeneBank Accession# [NM_016162](#)

Protein Accession# [NP_057246.2](#)

Gene Name ING4

Gene Alias MGC12557, my036, p29ING4

Gene Description inhibitor of growth family, member 4

Omim ID [608524](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a tumor suppressor protein that contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins. [provided by RefSeq]

Other Designations brain my036 protein|candidate tumor suppressor p33 ING1 homolog