

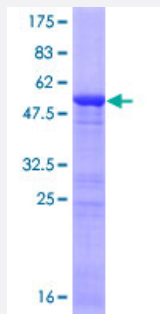
Full-Length

ING5 (Human) Recombinant Protein (P01)

Catalog # H00084289-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ING5 full-length ORF (NP_115705.2, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATAMYLEHYLDSIENLPCELQRNFQLMRELDQRTEDKKAIEDILAAEYISTVKTLSPDQRVERLQKI
QNAYSKCKEYSDDKVQLAMQTYEMVDKHIRRLDADLARFEADLKDKMEGSDFFESSGGRGLKKG
RGQKEKRGSRGRGRRTSEEDTPKKKKHKGGSEFTDILSVHPSDVLDPVDPNEPTYCLCHQV
SYGEMIGCDNPDCPIEFWFHFACVDLTTPKPGKWFCPRCVQEKRKKK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.2

Interspecies Antigen Sequence

Mouse (95)

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 — ING5

Entrez GeneID [84289](#)

GeneBank Accession# [NM_032329.4](#)

Protein Accession# [NP_115705.2](#)

Gene Name ING5

Gene Alias FLJ23842, p28ING5

Gene Description inhibitor of growth family, member 5

Omim ID [608525](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP 300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in T P53-dependent regulatory pathway. [provided by RefSeq]

Other Designations -

Disease

- [Tobacco Use Disorder](#)