

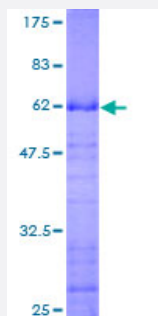
Full-Length

ING2 (Human) Recombinant Protein (P01)

Catalog # H00003622-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ING2 full-length ORF (AAH30128, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLGQQQQQLYSSAALLTGERSRLLCYVQDYLECVELPHDMQRNVSVLRELDNKYQETLKEIDD
VYEKYKKEDDLNQKKRLQQLLQRALINSQELGDEKIQMTQMLELVENRARQMELHSQCFQDPAE
SERASDKAKMDSSQPERSRRPRRQRTSESRLCHMANGIEDCDDQPPKEKKSKSAKKKKRS
KAKQEREASPVEFAIDPNEPTYCLCNQVSYGEMIGCDNEQCPIEFWFHFCVSLTYKPKGKWWYCP
KCRGDNEKTMGKSTEKTKDRRSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.54

Interspecies Antigen Sequence

Mouse (96); 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 — ING2

Entrez GeneID[3622](#)**GeneBank Accession#**[BC030128](#)**Protein Accession#**[AAH30128](#)**Gene Name**

ING2

Gene Alias

ING1L, p33ING2

Gene Description

inhibitor of growth family, member 2

Omim ID[604215](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. [provided by RefSeq]

Other Designations

inhibitor of growth 1-like|inhibitor of growth family, member 1-like

Publication Reference

- [Sumoylation of ING2 regulates the transcription mediated by Sin3A.](#)

Ythier D, Larrieu D, Binet R, Binda O, Brambilla C, Gazzeri S, Pedoux R.

Oncogene 2010 Nov; 29(44):5946.

Application: Func, WB-Re, Recombinant protein