

Recombinant human ING2 protein

Catalog Number: ATGP2391

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-280aa

UniProt No.

Q9H160

NCBI Accession No.

NP_001555

Alternative Names

inhibitor of growth protein 2, ING1L, P33ing2

PRODUCT SPECIFICATION

Molecular Weight

35.2 kDa (303aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

The ING2 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. Recombinant human ING2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMLGQQQQ QLYSSAALLT GERSRLLTCY VQDYLECVES LPHDMQRNVS

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VLRELDNKYQ ETLKEIDVY EKYKKEDDLN QKKRLQQLLQ RALINSQELG DEKIQIVTQM LELVENRARQ MELHSQCFQD
PAESERASDK AKMDSSQPER SSRRPRRQRT SESRDLCHMA NGIEDCDDQP PKEKKSksak KKKRSKAKQE REASPVEFAI
DPNEPTYCLC NQVSYGEMIG CDNEQCPIEW FHFSCVSLTY KPKGKWYCPK CRGDNEKTMD KSTEKTKKDR RSR

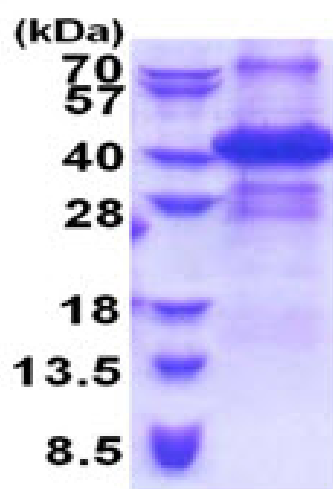
General References

Ythier,D., et al. (2010) Oncogene 29 (44), 5946-5956

Larrieu,D., et al. (2010) Cell Cycle 9 (19), 3984-3990

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.