

Product datasheet

Recombinant Human ING2 protein ab127136

1 Image

Description

Product name	Recombinant Human ING2 protein
Purity	> 75 % Densitometry. Purity was determined to be >75% by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>Q9H160</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	62 kDa including tags
Amino acids	1 to 280

Specifications

Our **Abpromise guarantee** covers the use of **ab127136** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.005% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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General Info

Function	Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways,
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probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs).

Tissue specificity

Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues.

Sequence similarities

Belongs to the ING family.

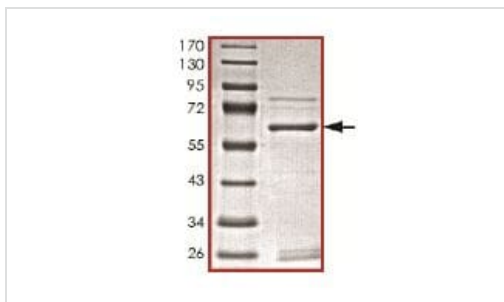
Contains 1 PHD-type zinc finger.

Domain

The PHD-type zinc finger domain binds to phosphoinositides (PtdInsPs), including phosphatidylinositol 5-phosphate (PtdIns(5)P).

Cellular localization

Nucleus. Predominantly nuclear. Localized to chromatin and nuclear matrix. Upon reduced PtdIns(5)P levels seems to be released from chromatin and, at least partially, translocated to the cytoplasm.

Images

SDS-PAGE analysis of ab127136.

SDS-PAGE - Recombinant Human ING2 protein
(ab127136)

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