abcam

Product datasheet

Recombinant Human ING1 protein ab125575

1 Image

Description

Product name	Recombinant Human ING1 protein
Purity	> 85 % Densitometry. Purity determined to be >85% by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	Q9UK53-2
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	38 kDa including tags
Amino acids	1 to 279
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab125575** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid

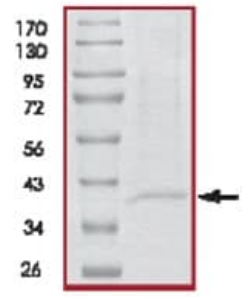
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.002% PMSF, 0.81% Sodium phosphate, 0.0038% DTT, 25% Glycerol (glycerin, glycerine), 1.75% Sodium chloride

General Info

Function	Cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. Implicated as a tumor suppressor gene.
Tissue specificity	Isoform 2 was expressed in all normal tissues and cells examined, as well as in all breast cancer and melanoma cell lines examined. Isoform 3 was expressed in testis, liver, and kidney, weakly expressed in colon and brain and not expressed in breast and cultured melanocytes. Isoform 4 was highly expressed in testis and weakly expressed in brain, but not expressed in breast, colon, kidney, melanocytes, breast cancer or melanoma cell lines.
Involvement in disease	Defects in ING1 are a cause of head and neck squamous cell carcinomas (HNSCC) [MIM:275355]; also known as squamous cell carcinoma of the head and neck.
Sequence similarities	Belongs to the ING family. Contains 1 PHD-type zinc finger.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human ING1 protein (ab125575)

SDS-PAGE analysis of ab125575.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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