

Product datasheet

Recombinant Human ARD1A protein ab113135

1 Image

Description

Product name	Recombinant Human ARD1A protein
Purity	> 90 % SDS-PAGE. ab113135 was purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P41227</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMNIRNARPEDLMNMQHCHN LLCLPENYQMKY YFYHGLSWPQLSYAEDE NGKIVGYVLAKMEEDPDDVPHGHITSLAVK RSHRRLGLAQKLMQASRAMIENFNAKYVSLHVRKSNRA ALHLYS NTL NFQISEVEPKYYADGEDAYAMKRDLTQMADELRRHLELK EKGRHVVLGAI ENKVESKGNPSSGEACREEK GLAAEDSGGDSKDLSEVSETTESTDV KDSSEASDSAS
Predicted molecular weight	29 kDa including tags
Amino acids	1 to 235
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113135** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituents: 0.08% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function In complex with NAA15, displays alpha (N-terminal) acetyltransferase activity. Without NAA15, displays epsilon (internal) acetyltransferase activity towards HIF1A, thereby promoting its degradation.

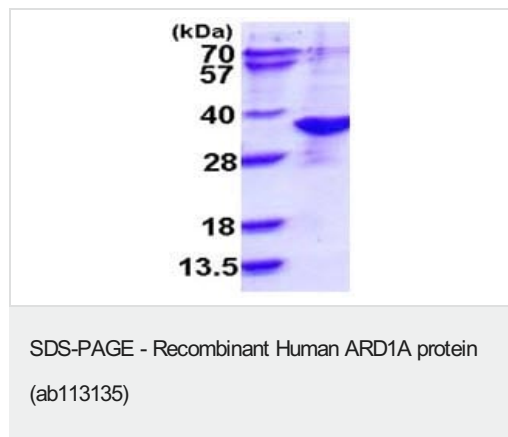
Tissue specificity Ubiquitous.

Sequence similarities Belongs to the acetyltransferase family. ARD1 subfamily.
Contains 1 N-acetyltransferase domain.

Post-translational modifications Cleaved by caspases during apoptosis.

Cellular localization Cytoplasm. Nucleus. According to PubMed:12464182 it is cytoplasmic. According to PubMed:15496142, it is nuclear and cytoplasmic. Also present in the free cytosolic and cytoskeleton-bound polysomes.

Images



15% SDS-PAGE analysis of 3 µg ab113135.

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

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