abcam

Product datasheet

Recombinant Human AMID protein ab164678

1 Image

Description

Product name	Recombinant Human AMID protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSQVSVESGALHVVIVGGGFGGIAAASQLQALNVPFML VDMKDSFHHNV AALRASVETGFAKKTFISYSVTFKDNFRQGLVVGIDLKNQ MVLLQGGEAL PFSHLILATGSTGPFPGKFNEVSSQQAAIQAYEDMVRQVQ RSRFIVVVGG GSAGVEMAAEIKTEYPEKEVTLIHSQVALADKELLPSVRQ EVKEILLRKG VQLLLSERVSNLEELPLNEYREYIKVQTDKGTEVATNLVILC TGIKINSS AYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCADV RTPKMAYLAGL HANIAVANIVNSVKQRPLQAYKPGALTFLLSMGRNDGVG
Amino acids	1 to 339
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab164678** 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 ELISA
Form	Liquid
Additional notes	

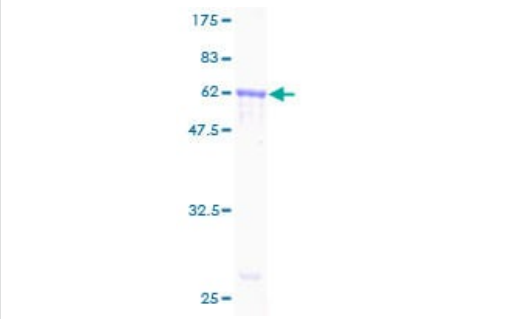
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Oxidoreductase, which may play a role in mediating a p53/TP53-dependent apoptosis response. Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death. Binds to DNA in a sequence-independent manner. May contribute to genotoxin-induced growth arrest.
Tissue specificity	Detected in most normal tissues as two transcripts of 1.8 and 4.0 kb in length, respectively. Highly expressed in heart, moderately in liver and skeletal muscles, and expressed at low levels in placenta, lung, kidney, and pancreas. Both transcripts expressed following p53/TP53 induction. The shorter 1.8 kb transcript seems to be the major transcript in EB1 colon cancer cells.
Sequence similarities	Belongs to the FAD-dependent oxidoreductase family.
Cellular localization	Cytoplasm. Mitochondrion outer membrane.

Images



SDS-PAGE - Recombinant Human AMID protein (ab164678)

ab164678 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors