

Recombinant Human DCUN1D1 protein ab103056

1 Image

Description

Product name	Recombinant Human DCUN1D1 protein
Purity	> 90 % SDS-PAGE. ab103056 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>Q96GG9</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MNKLKSSQKDKVRQFMIF TQSSEKTAVSCL SQNDWKLDVATDNFFQNPELYIRESVKGSLDRKKLEQLY NRYKDPQDENK IGIDGIQQFCDDLALDPASISVLIIAWKFRAATQCEFSKQEF MDGMTELG CDSIEKLKAQIPKMEQELKEPGRFKDFYQFTFNFAKNPGQ KGLDLEMAIA YWNLVNLNGRFKFLDLWNKFLLEHHKRSIPKDTWNLLLDIFS TMIADDMSNY DEEGAWPVLIDDFVEFARPQIAGTKSTTV
Predicted molecular weight	32 kDa including tags
Amino acids	1 to 259
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab103056 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

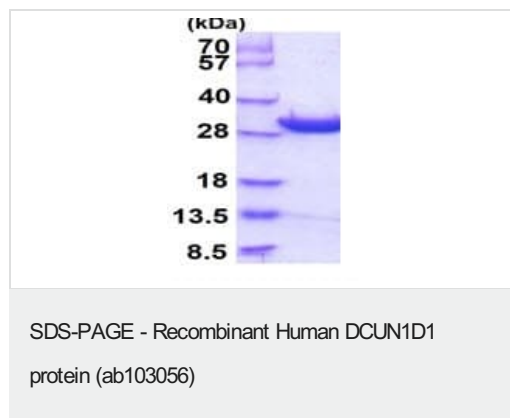
Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Relevance

DCUN1D1 (DCUN1 domain-containing protein 1) contains a DUF298 domain and a UBA-like ubiquitin. Forms part of an E3 ubiquitin ligase complex for neddylation. Required for neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes by enhancing the rate of cullins neddylation. Functions to recruit the NEDD8-charged E2 enzyme to the cullin component. Involved in the release of inhibitory effects of CAND1 on cullin-RING ligase E3 complex assembly and activity. Acts also as an oncogene facilitating malignant transformation and carcinogenic progression. Defects in DCUN1D1 may be a cause of squamous cell carcinomas. Strongly overexpressed in thyroid tumors, bronchioloalveolar carcinomas, and malignant tissues of squamous cell carcinoma of the oral tongue. Not overexpressed in aggressive adrenocortical carcinomas.

Images



15% SDS-PAGE (3 µg)

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