

Product datasheet

Recombinant Human NEURL2 protein (denatured)
ab171589

1 Image

Description

Product name	Recombinant Human NEURL2 protein (denatured)	
Purity	> 85 % SDS-PAGE. ab171589 was purified using conventional chromatography.	
Expression system	Escherichia coli	
Accession	Q9BR09	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMMAAASEPVDSGALW GLERPEPPPTRFH RVHGANIRVDPSGTRATRVESFAHGVCFSREPLAPGQVF LVEIEEKELGW CGHLRLGLTALDPASLAPVPEFSLPDLVNLGHTWVFAITR HHNRVPREGR PEAEAAAPSRPPTLLVEPYLRIEQFRIPRDRLVGRSRPGLY SHLLDQLYE LNVLPPTARRSRLGVLCPRPDGTADMHIINGEDMGPSA RGLPAAQPLY AVVDVFASTKSVRLVQLEYGLPSLQTLCLVIQRSMVHRL AIDGLHLPKE LKDFCKYE	
Predicted molecular weight	34 kDa including tags	
Amino acids	1 to 285	
Tags	His tag N-Terminus	
Description	Recombinant Human NEURL2 protein	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171589** 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

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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function Plays an important role in the process of myofiber differentiation and maturation. Probable substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. Probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma.

Tissue specificity Expressed specifically in skeletal and cardiac muscles.

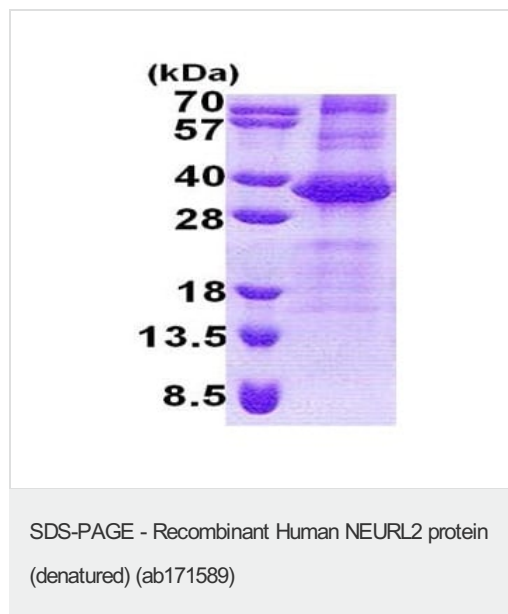
Pathway Protein modification; protein ubiquitination.

Sequence similarities Contains 1 NHR (neutralized homology repeat) domain.
Contains 1 SOCS box domain.

Domain The SOCS domain mediates the interaction with TCEB1 and TCEB2, while the NHR domain may be involved in ubiquitination substrate binding.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of ab171589 at 3µg.

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