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Product datasheet

Recombinant Human Cytokeratin 8 protein ab156970

1 References 1 Image

Description

Product name	Recombinant Human Cytokeratin 8 protein
Purity	> 90 % SDS-PAGE. ab156970 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	P05787
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMSIRVTQKSYKVSTSG PRAFSSRSYTS GPGSRISSSSFSRVGSSNFRGGLGGGYGGASGMGGITAV TVNQSLLSPLV LEVDPNIQAVRTQEKEQIKTLNNKFASFIDKVRFLEQQNKM LETKWSLLQ QQKTARSNMDNMFESYINNLRRQLETLGQEKLKLEAELGN MQGLVEDFKN KYEDEINKRTEMENEFVLIKKDVDEAYMNKVELESRLEGL TDEINFLRQL YEEEIRELQSQISDTSVVLSMDNSRSLDMDSIIAEVKAQYE DIANRSRAE AESMYQIKYEELQSLAGKHGDDLRRTKTEISEMNRNISRLQ AEIEGLKGQ RASLEAAIADAEQRGELAIKDANAKLSELEAALQRAKQDM ARQLREYQEL MNVKLALDIEIATYRKLLEGEESRLESGMQNMSIHTKTTSG YAGGLSSAY GGLTSPGLSYSLGSSFGSGAGSSSFSRTSSSRAVVVKKIE TRDGKLVSES SDVLPK
Predicted molecular weight	56 kDa including tags
Amino acids	1 to 483
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab156970** 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

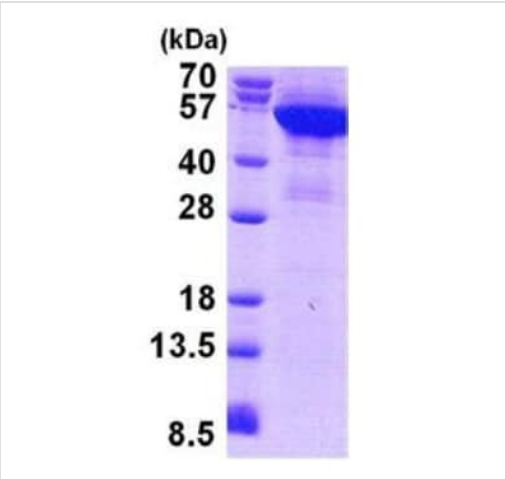
Preparation and Storage

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

General Info

Function	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
Tissue specificity	Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.
Involvement in disease	Cirrhosis
Sequence similarities	Belongs to the intermediate filament family.
Post-translational modifications	Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.
Cellular localization	Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.

Images



SDS-PAGE - Recombinant Human Cytokeratin 8 protein (ab156970)

15% SDS-PAGE analysis of ab156970 (3 µg).

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

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