

Product datasheet

Recombinant Human Cytokeratin 8 protein (Tagged) ab235816

[1 Image](#)

Description

Product name	Recombinant Human Cytokeratin 8 protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P05787</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SIRVTQKS YK VSTSGPRAFSSRSYTS GP SGSRIS SS SSFSRV GSSNFRGGLG GGYGGASGMGGITAVTVNQSLLSPLVLEVDPNIAVVRTQE KEQIKTLNNK FASFIDK VRF LEQQNKMLETKWSLLQQQKTARSNMDNMF ESYNNLRRQL ETLGQEKLKLEAELGNMQGLVEDFKNKYEDEINKRTEME NEFVLIKDVD EAYMNKVELESRL E GLTDEINFLRQLYEEEIRELQSQISDTS VVLSMDNS RSLD M DSIAEVKAQYEDIANRSRAEAESMYQIKYEELQSL AGKHGDDL RTKTEISEMNRNISR LQ AEIEGLKGRASLEAAIADAEQ ELAIKDANA KLSELEAALQRAKQDMARQLREYQELMNVKLALDIEIATYR KLEGEESR LESGMQNMSIHTKTTSGYAGGLSSAYGGLTSPGLSYSLGS SFGSGAGSSS FSRTSSSR AVV VKKIETRDGKLVSESSDVLPK
Predicted molecular weight	70 kDa including tags
Amino acids	2 to 483
Tags	His tag N-Terminus

Additional sequence information N-terminal 6xHis-SUMO-tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab235816** 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 -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

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.

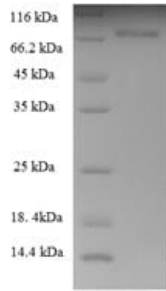
Involvement in disease Cirrhosis

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-GlcNAcyated), in a cell cycle-dependent manner.

Cellular localization Cytoplasm. Nucleus, nucleoplasm. Nucleus matrix.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235816.

SDS-PAGE - Recombinant Human Cytokeratin 8 protein (Tagged) (ab235816)

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

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