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Datasheet for ABIN7275111 Cytokeratin 19 Protein (AA 310-399) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	Cytokeratin 19 (KRT19)
Protein Characteristics:	AA 310-399
Origin:	Dog
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 19 protein is labelled with His tag.

Product Details

Purpose:	Canine keratin, type I cytoskeletal 19 Protein
Sequence:	Gln310-Leu399
Characteristics:	Recombinant Canine keratin, type I cytoskeletal 19(310-399) Protein is expressed from E.coli with His tag at the N-Terminus.It contains Gln310-Leu399.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

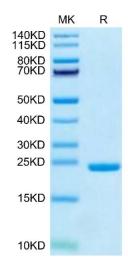
Target Details

Target:	Cytokeratin 19 (KRT19)
Alternative Name:	keratin, type I cytoskeletal 19 (KRT19 Products)

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Target Details	
Background:	Keratin 19 (K19) belongs to the keratin family of proteins, which maintains structural integrity of epithelia. In cancer, K19 is highly expressed in several types where it serves as a diagnostic marker.
Molecular Weight:	21.84 kDa same as Tris-Bis PAGE result.
NCBI Accession:	NP_001240671
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images

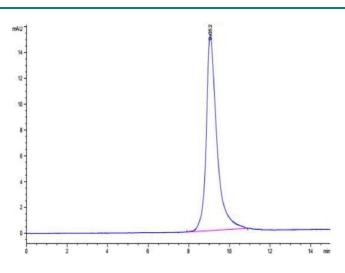


SDS-PAGE

Image 1. Canine keratin, type I cytoskeletal 19 (310-399) on Tris-Bis PAGE under reduced condition. The purity is greater than 95 %.

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Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Canine keratin, type I cytoskeletal 19 (310-399) is greater than 95 % as determined by SEC-HPLC.

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