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Datasheet for ABIN7562762

## Cytokeratin 13 Protein (AA 1-437) (His tag)

### Overview

Quantity:	1 mg
Target:	Cytokeratin 13 (KRT13)
Protein Characteristics:	AA 1-437
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 13 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Krt13 Protein expressed in mammalian cells.
Sequence:	<p>MSCRQSSSM SYGGGFGAGS CQLGGGRNIS SCSSRFVTGG SAGGYGGGMS CGFGGGAGGG FGGGFGGGFG GSYGGGFGGG FGDFGGVDGG LLSGNEKITM QNLNDRLAS Y LDKVRALEAA NADLEVKIRD WHLKQSPASP ERDYSAYYKT IEELRIKILE ATTDNNRIIL EIDNARLAAD DFRLKYENEL TLRQSVEADI NGLRRVLDL TLAKTDEMQL IESLNEELAY LKKNHEEEMK EFSNQVVGQV NVEMDATPGI DLTRVLAEMR EQYEALAEKN RRDAEEWFQT KSAELNKEVS SNAEMIQTSK TEITELRRTL QGLEIELQSQ LSMKAGLEST LAETECRYAL QLQQIQLIS SIEAQLSELR SEMECQNQEY KMLLDIKTRL EQEIATYRSL LEGQDAKMTG FNSGGNNTTT SNGSPSSNSG RPDFRKY <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
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This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	Cytokeratin 13 (KRT13)
Alternative Name:	Krt13 ( <a href="#">KRT13 Products</a> )
Background:	<p>Keratin, type I cytoskeletal 13 (47 kDa cyto­keratin) (Cytokeratin-13) (CK-13) (Keratin-13) (K13),FUNCTION: Type 1 keratin (Probable). Maintains postnatal tongue mucosal cell homeostasis and tissue organization in response to mechanical stress, potentially via regulation of the G1/S phase cyclins CCNE1 and CCNE2 (PubMed:32758484). {ECO:0000269 PubMed:32758484, ECO:0000305}.</p>
Molecular Weight:	47.8 kDa
UniProt:	<a href="#">P08730</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months