

Recombinant Full Length Human KRT13 Protein, GST-tagged

Cat. No. KRT13-5923HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT13 full-length ORF (AAH02661.3, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	458 amino acids
Description	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described. [provided by RefSeq]
Molecular Mass	76 kDa
AA Sequence	MSLRLQSSSASYGGGFGGGSCQLGGGRGVSTCSTRFVSGGSAGGYGGGVSCGF GGGAGSGFGGGYGGGLGGGYGGGLGGGFGGGFAGGFVDFGACDGGLLTGNEKI TMQNLNDRLASYLEKVRAL EEANADLEV KIRDWHLKQSPASPERDYSPPYKTIEELR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DKILTATIENNRVILEIDNARLAVDDFRLKYENELALRQSVEADINGLRRVLDELTLSKT
DLEMQIESLNEELAYMKKNHEEEMKEFSNQVVGQVNVEMDATPGIDLTRVLAEMRE
QYEAMAERNRRDAEEWFHAKSAELNKEVSTNTAMIQTSKTEITELRRTLQGLEIELQ
SQLSMKAGLENTVAETECRYALQLQQIQGLISSIEAQLSELRSEMECQNQEYKMLLDI
KTRLEQEIATYRSLLLEGQDAKMIGFPSSAGSVSPRSTSVTTTSSASVTTTSSNASGRR
TSDVRRP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[KRT13 keratin 13 \[Homo sapiens \]](#)

Official Symbol

[KRT13](#)

Synonyms

KRT13; keratin 13; keratin, type I cytoskeletal 13; CK13; cytokeratin 13; K13; keratin;
type I cytoskeletal 13; MGC3781; MGC161462; CK-13; keratin-13; cytokeratin-13;

Gene ID

[3860](#)

mRNA Refseq

[NM_002274](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Protein Refseq	NP_002265
----------------	-----------

MIM	148065
-----	--------

UniProt ID	P13646
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA