

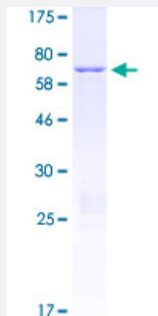
Full-Length

KRT15 (Human) Recombinant Protein (P02)

Catalog # H00003866-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRT15 full-length ORF (NP_002266.2, 1 a.a. - 456 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MTTFLQTSSSTFGGGSTRGGSLLAGGGGFGGGSLSGGGGSRSISASSARFVSSGSGGGYGGG
MRVCGFGGGAGSVFGGGFGGGVGGGFGGGFGGGDGGLLSGNEKITMQNLNDRLASYLDKVRA
LEEANADLEVKIHDWYQKQTPTSPECDYSQYFKTIEELRDKIMATTIDNSRVILEIDNARLAADD
FRLKYENELALRQGVEADINGLRRVDELTLARTDLEMQIEGLNEELAYLKKNHEEEMKEFSSQLAGQ
VNVEMDAAPGVDLTRVLAEMREQYEAMAEKNRRDVEAWFFSKTEELNKEVASNTEMIQTSKTEI
TDLRRTMQELEIELQSQLSMKAGLENSLAETECRYATQLQQIQGLIGGLEAQLSELRCEMEAQNNQ
EYKMLLDIKTRLEQEIATYRSLLLEGQDAKMAGIGIREASSGGGGSSSNFHNVEESVDGQVVS
SHKREI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — KRT15

Entrez GeneID[3866](#)**GeneBank Accession#**[NM_002275.2](#)**Protein Accession#**[NP_002266.2](#)**Gene Name**

KRT15

Gene Alias

CK15, K15, K1CO

Gene Description

keratin 15

Omim ID[148030](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 and are clustered in a region on chromosome 17q21.2. [provided by RefSeq]

Other Designations

OTTHUMP00000165060|cytokeratin 15|keratin-15, basic|keratin-15, beta|type I cytoskeletal 15