

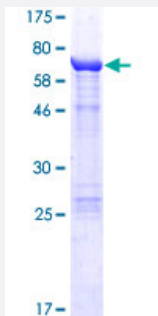
Full-Length

KRT36 (Human) Recombinant Protein (P01)

Catalog # H00008689-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRT36 full-length ORF (AAH43581.1, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLRSGLSGLGSCLPGSYLSSECHTSGFVGSGGWFCESFNGSEKETMQFLNDRLANYLEKVRQ
LERENAELESRIQEWYEFQIPYICPDYQSYFKTIEDFQQKILLTKSENARLVLQIDNAKLAADDFRTK
YETELSLRQLVEADINGLRRILDELTLCKADLEAQVESLKEELMCLKKNHEEEVSVLRCQLGDRLN
VEVDAAPPVDLNKILEDMRCQYEALVENNRDVEAWFNTQTEELNQQVVSSSEQLQCCQTEIIEI
RRTVNALEIELQAQHSNRNSLESTLAETEARYSQLAQMQCLISNVEAQLSEIRCDLERQNGEYQV
LLDVKARLEGEIATYRHLLEGEDCKLPPQPCATACKPVIRVPSVPPVPCVPSVPCTPAPQVGTQI
RTITEEIRDGKVISSREHVQSRPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.9

Interspecies Antigen Sequence

Mouse (85); Rat (85)

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 — KRT36

Entrez GeneID	8689
GeneBank Accession#	BC043581.1
Protein Accession#	AAH43581.1
Gene Name	KRT36
Gene Alias	HA6, KRTHA6, hHa6
Gene Description	keratin 36
Omim ID	604540
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq]
Other Designations	keratin, hair, acidic, 6 keratin, type I cuticular Ha6