

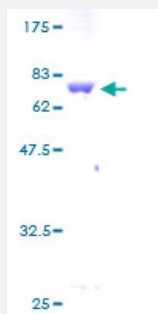
Full-Length

KRTHA3B (Human) Recombinant Protein (P01)

Catalog # H00003884-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRTHA3B full-length ORF (AAH09971, 1 a.a. - 404 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPYNFCLPSLSCRTSCSSRPCVPPSCHGYTLPGACNIPANVSNCNWFCEGSFNGSEKETMQFL
NDRLASYLEKVRQLERDNAELENLIRERSQQQEPLLCPYSYQSYFKTIEELQQKILCSKSENARLVV
QIDNAKLAADDFRTKYQTEQSLRQLVESDINSLRRILDELTLCRSDLEAQMESLKEELLSLKQNHE
QEVNTLRCQLGDRLNVEVDAAPAVDLNQVLNETRNQYEALVETNRREVEQWFATQTEELNKQV
VSSSEQLQSYQAEIIELRRTVNALEIELQAQHNLRYSLNLTSEARYSSQLSQVQSLITNVESQLA
EIRSDLERQNQEYQVLLDVRARLECEINTYRSLLESEDCKLPSNPCATTNACEKPIGSCVTNPCGP
RSRCGPCNTFGY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.18

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 — KRT33B

Entrez GeneID [3884](#)

GeneBank Accession# [BC009971](#)

Protein Accession# [AAH09971](#)

Gene Name KRT33B

Gene Alias HA3II, Ha-3II, KRTHA3A, KRTHA3B, hHa3-II

Gene Description keratin 33B

Omim ID [602762](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the keratin gene family. It is one of the type I hair keratin genes which are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, KRTHA3A and KRTHA3B. [provided by RefSeq]

Other Designations hard keratin, type I, 3III|keratin, hair, acidic, 3B|keratin, hair, acidic,3B|type I hair keratin 3B