

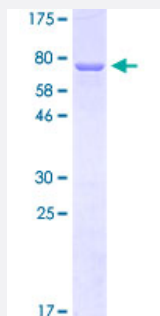
Full-Length

KRT12 (Human) Recombinant Protein (P01)

Catalog # H00003859-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KRT12 full-length ORF (AAI56642.1, 1 a.a. - 494 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MDLSNNTMSLSVRTPGLSRRLSSQSVIGRPRGMSASSVGSYGGSFAFGFGASCGGGFSAASMF
GSSSGFGGGSGSSMAGGLGAGYGRALGGGSFGGLGMFGGSPGGGSLGILSGNDGGLLSGSE
KETMQNLNDRLASYLKVRAL EEANTELENKIREWYETRGTGTADASQSDYSKYYP LIEDLRNKIIS
ASIGNAQLLLQIDNARLAAEDFRMKYENELALRQGV EADINGLRRVLDLTLTRTDLEMQIESLNEE
LAYMKKNHEDELQSFRVGGPGEVSVEMDAAPGVDLTRLLNDMRAQYETIAEQNRKDAEAWFIEK
SGELRKEISTNTEQLQSSKSEVTDLRRAFQNL EIELQSQLAMKKSLED SLAEAE GDYCAQLSQVQ
QLISNLEAQLLQVRADAERQNV DHQRLLNVKARLELEIETYRRLDGEAQGDGLEESLFVTD SKS
QAQSTDSSKDPTKTRKIKTVVQEMVNGEVVSSQVQEIEELM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.74

Interspecies Antigen Sequence

Mouse (78); Rat (76)

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 — KRT12

Entrez GeneID	3859
GeneBank Accession#	BC156641.1
Protein Accession#	AA156642.1
Gene Name	KRT12
Gene Alias	K12
Gene Description	keratin 12
Omim ID	122100 601687
Gene Ontology	Hyperlink
Gene Summary	KRT12 encodes the type I intermediate filament chain keratin 12, expressed in corneal epithelia. Mutations in this gene lead to Meesmann corneal dystrophy. [provided by RefSeq]
Other Designations	-