

Recombinant Full Length Human KRT12 Protein, GST-tagged

Cat. No. KRT12-5922HF **Lot. No.** (See product label)

SPECIFICATION

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

Species Human

Source In Vitro Cell Free System

ProteinLength 494 amino acids

Description 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]

Molecular Mass 80.74 kDa

AA Sequence

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MDLSNNTMSLSVRTPGLSRRLSSQSVIGRPRGMSASSVGSYGGSAFGFGASC GG
GFSAA SMFGSSSGF GGGSGSSMAGGLGAGYGRALGGGSFGGLGMGFGGSPGGG
SLGILSGNDGGLLSGSEKETMQNLNDR LASYLDKVRAL EEANTELENKIREWYETRG
TGTADASQSDYSKYYP LIEDLRNKIISASIGNAQLLLQIDNARLAAEDFRMKYENELAL
RQGVEADINGLRRVLD ELTLTRTDLEMQIESLNEELAYMKNHEDELQSFRVGGPG
EVSVEMDAAPGVDLTRLLNDMRAQYETIAEQNRKDAEAWFIEKSGELRKEISTNTEQ
LQSSKSEVTDLRRAFQNLEIELQSQLAMKKSLEDSLAE AEGDYCAQLSQVQQLISNL
EAQLLQVRADAERQNV DHQRLN VKARLELEIETYRRLLDGEAQDGL EESLFVTDS
KSQAQSTDSSKDPTKTRKIKTVVQEMVNGEVVSSQVQEIEELM
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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	KRT12 keratin 12 [Homo sapiens]
Official Symbol	KRT12
Synonyms	KRT12; keratin 12; keratin, type I cytoskeletal 12; K12; Meesmann corneal dystrophy; CK-12; keratin-12; cytokeratin-12;
Gene ID	3859
mRNA Refseq	NM_000223
Protein Refseq	NP_000214
MIM	601687
UniProt ID	Q99456

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