

Recombinant Human KRT78 Protein, GST-tagged

Cat. No. KRT78-4837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT78 full-length ORF (AA141555.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the type II keratin gene family and encodes a protein with an intermediate filament domain. Keratins are the major structural proteins in epithelial cells, forming a cytoplasmic network of 10 to 12 nm wide intermediate filaments and creating a scaffold that gives cells the ability to withstand mechanical and non-mechanical stresses. The genes of the type II keratin family are located as a gene cluster at 12p13.13. Four pseudogenes of this gene family have been identified. [provided by RefSeq]
Molecular Mass	83.6 kDa
AA Sequence	MSLSPCRAQRGFSARSACSARSRGRSRGGFSSRGGFSSRSLNSFGGCGLEGSRGSTWGS GGRLGVRFGEWSGGPGLSLCPPGGIQEVTINQNLLTPLKIEIDPQFQVVRTQETQEIRTLNNQFASFIDKVRFLQEQNKVLETKWHLLQQQGLSGSQQGLEPVFEACL DQLRKQLEQLQGERGALDAELKACRDQEEEEYKSKYEEEAHRRATLENDFVVLKQDV DGVFLSKMELEGKLEALREYLYFLKHLNEEELGQLQTQASDTSVVL SMDNNRYLDF SSIITEVRARYEEIARSSKAEAEALYQTKYQELQVSAQLHGDRMQETKVQISQLHQEI QRLQSQTENLKKQNASLQAAITDAEQRGELALKDAQAKVDELEAALRMAKQNLARL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LCEYQELTSTKLSDLVEIATYRRLLLEGEECRMSGECTSQVTISSVGGSAVMSGGVG
GGLGSTCGLGSGKGSPGSCCTSIVTGGSNII LGSGKDPVLDSCSVSGSSAGSSCHTI
LKKTVESSLKTSITY

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

KRT78 keratin 78 [Homo sapiens (human)]

Official Symbol

KRT78

Synonyms

KRT78; keratin 78; K5B; K78; Kb40; CK-78; keratin, type II cytoskeletal 78;
cytokeratin-78; keratin 78, type II; keratin-5b; type-II keratin Kb40

Gene ID

196374

mRNA Refseq

NM_001300814

Protein Refseq

NP_001287743

MIM

611159

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q8N1N4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA