

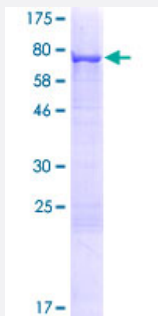
Full-Length

KRT71 (Human) Recombinant Protein (P01)

Catalog # H00112802-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human KRT71 full-length ORF (AA103919.1, 1 a.a. - 523 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSRQFTCKSGAAAKGGFSGCSAVLSGGSSSSFRAGSKGLSGGFGSRSLYSLGGVRSNLNVASG
SGKSGGYGFGRGRASGFAGSMFGSVALGPVCPTVCPGGIHQVTVNESLLAPLNVELDPEIQKV
RAQEREQIKALNNKFASFIDKVRFLQQNQVLETKWELLQQDLNNCKNNLEPILEGYISNLRKQLE
TLSGDRVRLDSELRNVQDVVEDYKKRYEEEINKRTAAENEFVLLKKDVDAAYANKVELQAKVES
MDQEIKFFRCLFEAEITQIQSHISDMSVILSMDNNRNLDLDSIIDEVRTQYEEIALKSKAEAEALYQTK
FQELQLAAGRHGDDLKNTKNEISELTRLIQRIRSEIENVKKQASNLETAIADAEQRGDNALKDARAK
LDELEGALHQAKEELARMLREYQELMSLKLALDMEIATYRKLLSEECRMSGFEPSPVSIISSTS
GGSGYGFRPSMVSGGYVANSSNCISGVCSVRGGEGRSRGSANDYKDTLGKGSSLSAPSKKTSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.6

Interspecies Antigen Sequence

Mouse (91); Rat (91)

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 — KRT71

Entrez GeneID	112802
GeneBank Accession#	BC103918.1
Protein Accession#	AAI03919.1
Gene Name	KRT71
Gene Alias	K6IRS1, KRT6IRS, KRT6IRS1, MGC119390, MGC119391
Gene Description	keratin 71
Omim ID	608245
Gene Ontology	Hyperlink
Gene Summary	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene encodes a protein that is expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q13
Other Designations	keratin 6 irs