

Recombinant Full Length Human KRT72 Protein, GST-tagged

Cat. No. KRT72-6082HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT72 full-length ORF (ADR83208.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	511 amino acids
Description	Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells. The type II keratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This gene encodes a type II keratin that is specifically expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q12-q13. Multiple transcript variants encoding different isoforms have been found for this gene
Molecular Mass	56.3 kDa
AA Sequence	MSRQLTHFPRGERLGFSGCSAVLSGGIGSSSASFRRVKGSAFSGSKLSCLGGSRLALSAAARRGGGRLGGFVGTAFGSAGLGPKCPSVCPPGGIPQVTVNKSLLAPLNV EMDPEIQRVRAQEREQIKALNNKFASFIDKVRFLQNNQVLETKWNLLQQLDLNNCR KNLEPIYEGYISNLQKQLEMLSGDGVRLDSELNRMQDLVEDYKKRYEVEINRRTAAE NEFVVLKKDVEDAAYMKNKVELQAKVDSLTDKIFFKCLYEGEITQIQSHISDTSIVLSMD NNRDLDLDSIAEVRAQYEEIALKSKAEAEETLYQTKIQELQVTAGQHGDLDLTKAEIS

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ELNRLIQRIRSEIGNVKKQCAELETAIADAEQRGDCALKDARAKLDELEGALHQAKEE
LARMLREYQELVSLKLALDMEIATYRKLLSEECRMSGYEPNSVISVISSTNAGAGG
AGFSMGFGASSSYSYKTAAADVKTGSCGSELKDPLAKTSGSSCATKKASR

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

KRT72 keratin 72 [Homo sapiens (human)]

Official Symbol

KRT72

Synonyms

KRT72; keratin 72; KRT6; K6irs; K6IRS2; KRT6IRS2; keratin, type II cytoskeletal 72; CK-72; K72; cytokeratin-72; keratin 6, inner root sheath, 2; keratin 72, type II; keratin protein K6irs1; type II inner root sheath-specific keratin-K6irs2; type-II keratin Kb35

Gene ID

140807

mRNA Refseq

NM_001146225

Protein Refseq

NP_001139697

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MIM	608246
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UniProt ID	Q14CN4
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