

Recombinant Full Length Human KRT28 Protein, GST-tagged

Cat. No. KRT28-5979HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT28 full-length ORF (AAI48795.1, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	464 amino acids
Description	This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]
Molecular Mass	77.99 kDa
AA Sequence	MSLQFSNGSRHVCLRSGAGSVRPLNGGAGFAGSSACGGSVAGSEFSCALGGGLG SVPGGSHAGGALGNAACIGFAGSEGGLSGNEKVMTMQLNDRLASYLDNVRALEE ANAELEKIKGWYEKYGPGSCRGLDHDYSRYHLTIEDLKNKIISSTTTNANVILQIDNA RLAADD FRLKYENELTLHQNVEADINGLRRVLDLTCRTDQELQYESLSEEMTYLK KNHEEEMKALQCAAGGNVNVEMNAAPGVDLAVLLNNMRAEYEALAEQNRKDAAEA WFNEKSASLQQQISHDSGAATFARSQLTEMRRTLQTLEIQLQSLMATKHSLECSLTE TESNYCTQLAQIQAQIGALEEQHLHQVVRTETEGQKLEYEHLLDVKVHLEKEIETYCRLI

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	DGDGNSCSKSKGFGSGSPGNSSKDLSKTTLVKTVVEELDQRGKVLSSRIHSIEEKS KMTNGKTEQRPVF
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	KRT28 keratin 28 [Homo sapiens (human)]
Official Symbol	KRT28
Synonyms	KRT28; keratin 28; KRT25D; K25IRS4; keratin, type I cytoskeletal 28; CK-28; K25D; K28; cytokeratin-28; keratin 28, type I; keratin-25D; type I inner root sheath specific keratin 25 irs4; type I inner root sheath-specific keratin-K25irs4
Gene ID	162605
mRNA Refseq	NM_181535
Protein Refseq	NP_853513
MIM	616677

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UniProt ID

Q7Z3Y7

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