

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	<p>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]</p>
Molecular Mass	77.99 kDa
AA Sequence	<pre>MSLQFSNGSRHVCLRSGAGSVRPLNNGGAGFAGSSACGGSVAGSEFSCALGGGLG SVPGGSHAGGALGNAACIGFAGSEGGLLSGNEKVTMQNLNDRLASYLNDNVRAL ANAELERKIKGWYEKYGPGSCRGLDHDYSRYHLTIEDLKNKIISSTTTNANVILQIDNA RLAADD FRLKYENELTLHQNVEADINGLRRVLDLTLCRTDQELQYESLSEEMTYLK KNHEEEMKALQCAAGGNVNVEMNAAPGVDLAVLLNNMRAEYEALAEQNRKDAEA WFNEKSASLQQQISHDSGAATFARSQ LTEMRRTLQTLEIQLQSLMATKHSLECSL TESNYCTQLAQIQAQIGALEEQLHQVRTETEGQKLEYEHLLDVKVHLEKEIETYCR</pre>

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DGDGNSCSKSKGFGSGSPGNSSKDLSKTTLVKTVVEELDQRGKVLSSRIHSIEEKTS
KMTNGKTEQRVVPF

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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