

Recombinant Full Length Human KRT27 Protein, GST-tagged

Cat. No. KRT27-5976HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human KRT27 full-length ORF (AAI66634.1, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	459 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	50.5 kDa
AA Sequence	<pre>MSVRFSSSTRRLGSCGGTGSVRLSSGGAGFGAGNTCGVPGIGSGFSCAFGGSSSA GGYGGGLGGGSASCAFTGNEHGLLSGNEKVTMQNLNDRLASYLENVRAL EEANA DLEQKIKGWYEFKFGPGSCRGLDHDYSRYFPIIDELKNQIISATTSNAHVVLQNDNARL TADDFRLKFENELALHQSVEADINGLRRVLDLTLCRTDLEIQLETLSEELAYLKKNH EEEMKALQCAAGGNVNVEMNAAPGVDLTVLLNNMRAEYEALAEQNRDRDAEAWFN EKSASLQQQISDDAGATTSARNELIEMKRTLQTLEIELQSLLATKHSLECSLTETESN YCAQLAQIQAQIGALEEQHLHQVRTETEGQKLEYEQLLDIKVHLEKEIETYCLLDIGEDG</pre>

 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

	SCSKSKGYGGPGNQTKDSSKTTIVKTVVEEIDPRGKVLSSRVHTVVEEKSTKVNNKNE QRVSS
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	KRT27 keratin 27 [Homo sapiens]
Official Symbol	KRT27
Synonyms	KRT27; keratin 27; keratin 25C , KRT25C; keratin, type I cytoskeletal 27; K27; K25C; CK-27; keratin-27; keratin 25C; keratin-25C; cytokeratin-27; type I inner root sheath specific keratin 25 irs3; type I inner root sheath-specific keratin-K25irs3; KRT25C;
Gene ID	342574
mRNA Refseq	NM_181537
Protein Refseq	NP_853515
MIM	616676

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UniProt ID

Q7Z3Y8

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