

Recombinant Full Length Human KRT24 Protein, C-Flag-tagged

Cat. No. KRT24-1826HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KRT24 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.9 kDa
AA Sequence	MSCSSRASSSRAGGSSSARVSAGGSSFSSGSRCLGGSSAQGFRGGASSCSLSG GSSGAFGGSFGGGFGS CSVGGGFGGASGSGTGFGGGSSFGGVSGFGRGSGFC GSSRFSSGATGGFYSGGGMGGGVGDGGFLFSGGE KQTMQNLDRLANYLDKVR ALEEANTDLENKIKEWYDKYGP GSGDGGSGRDYSKYYSIIEDLRNQIIAAT VENAGII LHIDNARLAADD FRLKYENELCLRQSVEADINGLRKVLDLTMTRSDLEMQIESFTEE LAYLR KNHEEEMKNMQGSSGGEVTVMNAAPGTDLT KLLNDMRAQYEELAEQNR REAEERFNKQSASLQAQISTD AGAATSAKNEITELKRTLQALEIELQSQLAMKSSLE

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GTLADTEAGYVAQLSEIQTQISALEEEICQIWGE TKCQNAEYKQLLDIKTRLEVEIETY
 RRLLDGEGGGSSFAEFGGRNSGSVNMGSRDLVSGDSRSGSCSGQG RDSSKTRV
 TKTIVEELVDGKVVSSQVSSISEVKVK TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	KRT24 keratin 24 [Homo sapiens (human)]
Official Symbol	KRT24
Synonyms	K24; KA24; CK-24
Gene ID	192666
mRNA Refseq	NM_019016.3
Protein Refseq	NP_061889.2

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MIM	607742
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UniProt ID	Q2M2I5
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