Recombinant Human KRT3 Protein, His-tagged

Cat. No. KRT3-879H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KRT3 protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins 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 type II cytokeratin is specifically expressed in the corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008].
Form	50 mM Tris, 8 M Urea, pH 8.0.
Molecular Mass	64.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	keratin 3[Homo sapiens]
Official Symbol	KRT3
Synonyms	CK3; K3
Gene ID	3850
mRNA Refseq	NM_057088.2
Protein Refseq	NP_476429
MIM	148043
UniProt ID	P12035

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