

Recombinant Human KRT6A

Catalog No: #GP10177



Package Size: #GP10177-1 100ug

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Description

Product Name	Recombinant Human KRT6A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 163-472 amino acids of human Keratin, type II cytoskeletal 6A
Target Name	Keratin, type II cytoskeletal 6A
Other Names	K6A, K6C, K6D, CK6A, CK6C, CK6D, KRT6C, KRT6D
Accession No.	Swissprot:P02538Gene Accession:BC008807
Uniprot	P02538
GeneID	3853;
Storage	-20~-80°C, pH 7.6 PBS

Background

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. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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