Recombinant Human Keratin 8

Cat. No. KRT8-144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Keratin 8 protein expressed in E.coli encodes full length amino acids and has a molecular mass of 78 kDa.
Species	Human
Source	E.coli
Description	Keratin 8 belongs to the type B (basic) subfamily of high molecular weight keratins and exists in combination with keratin 18. Keratin 8 is primarily found in the non-squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibodies that recognize only cytokeratin polypeptides 8 and 18.
Formulation	5μg/50μlpurified human Keratin 8 protein at 0.1mg/ml in 50mM Tris-Acetate pH-7.5, 1mM EDTA and 20% Glyecrol.
Application And Suggested Dilutions	•ELISA •Inhibition Assays •Western Blotting.
Characterization	On SDS-PAGE commassie blue staining gel, the purified recombinant protein shows a band of 78 kDa.
Storage & Stability	Store vial at -20℃to -80℃. When stored at the recommended temperature, this protein is stable for 12 months.

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Full Length	Full L.

GENE INFORMATION

Gene Name	KRT8 keratin 8 [Homo sapiens]
Synonyms	keratin 8; K8; KO; CK8; CYK8; K2C8; CARD2; KRT8; cytokeratin 8; keratin, type II cytoskeletal 8; CK-8; Cytokeratin-8; Keratin-8
Gene ID	3856
mRNA Refseq	NM_002273
Protein Refseq	NP_002264
MIM	148060
UniProt ID	P05787
Function	structural molecule activity; protein binding

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