

## 32-4079: Recombinant Human Cytokeratin 8

**Alternative Name :** Keratin type II cytoskeletal 8,Cytokeratin-8,CK-8,Keratin-8,K8,KRT8,CYK8,KO,CK8,K2C8,CARD2.

### Description

Source : Escherichia Coli. Cytokeratin 8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 53,532 Dalton. The KRT8 is purified by proprietary chromatographic techniques. Keratin 8 and 18 (K8/18) are the major components of intermediate filament (IF) proteins of simple or single-layered epithelia.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Content :</b>	The protein (1mg/ml) was lyophilized after from a sterile solution containing 30mM Tris-HCl pH-8, 9.5M urea, 2mM DTT, 2mM EDTA and 10mM methylammonium chloride.
<b>Storage condition :</b>	Lyophilized KRT8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution KRT8 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

### Application Note

It is recommended to reconstitute the lyophilized KRT8 in sterile 18M $\Omega$ -cm H<sub>2</sub>O not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions.