ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Cytokeratin 8 Human Recombinant

Item Number	rAP-3158
Synonyms	Keratin type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, KRT8, CYK8, KO, CK8, K2C8, CARD2.
Description	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.
Uniprot Accesion Number	P05787
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	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. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized KRT8 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com