

## KRT2 Protein, Human, Recombinant (His & Myc)

### General Information

Synonyms:	KRT2;Epithelial keratin-2e;KRT2E;Keratin-2 epidermis;Keratin, type II cytoskeletal 2 epidermal;Type-II keratin Kb2;Cytokeratin-2e (CK-2e);Keratin-2e (K2e);KRT2A;type II cytoskeletal 2 epidermal
Protein Construction:	1-639 aa
Species:	Human
Expression Host:	E. coli
Accession:	P35908
Molecular Weight:	72.9 kDa (Predicted)
AA Sequence:	<p>MSCQISCKSRGRGGGGGGFRGFSSGSAVVSGGSRRTSSFSCLSRHGGGGGGFGGGGFGSRSLVGLGGTKSI SISVAGGGGGFGAAGFGGRGGGGFGGGSSFGGGSGFSGGGFGGGGFGGGRFGGFGGPGGVGLGGPGGF GPGGYPGGIHEVSVNQSLQLPLNVKVDPEIQNVKAQEREQIKTLNNKFASFIDKVRFLEQQNQVLQTKWELL QQMNVGTRPINLEPIFQGYIDSLKRYLDGLTAERTSQNSELNMQDLVEDYKKKYEDEINKRTAAENDFVTLK KDVDNAYMIKVELQSKVDLLNQEIEFLKVLDAEISQIHQSVTDTNVILSMDNSRNLDLDSIIAEVKAQYEEIAQ RSKEEAEALYHSKYEELQVTVGRHGDLSKEIKIEISLNRVIQRLQGEIAHVKKQCKNVQDAIADAEQRGEHAL KDARNKLNLEEALQAKEDLARLLRDYQELMNVKLALDVEIATYRKLEGEECRMSGDLSSNVTVSVTSSTI SSNVASKAAFGGSGGRGSSSSGGYSSGSSSYGSGGRQSGSRGGSGGGSSISGGGYGSGGGSGGGRYGS SKGGSISGGGYGSGGGKHSSGGGSRGGSSSGGYGSGGGGSSSVKGSSGEAFGSSVTF5FR</p>

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	>90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

### Preparation and Storage

Reconstitution:	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481