

## CHRAC1 Protein, Mouse, Recombinant (His & Myc)

### General Information

Synonyms:	NF-YC-like protein;Chrac1;Chromatin accessibility complex protein 1;DNA polymerase epsilon subunit p15;YC-like protein 1 (YCL1);CHRAC-1
Protein Construction:	2-129 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	Q9JKP8
Molecular Weight:	21.4 kDa (predicted)
AA Sequence:	ADAAVGKEKCGDQRLVSLPLSRIRVIMKSSPEVSSINQEALVLTAKATELFVQYLATCSYRHGSGKAKKALTYS DLASTAEDSETLQFLADILPKKILASKYKMLKEKREEEEDNEDDGSDLGEALA

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
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.

Actual storage temperature shall be subject to the COA.

#### Shipping:

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

### Protein Background

Forms a complex with DNA polymerase epsilon subunit POLE3 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome remodeling activity of ISWI/SNF2H and ACF1. Does not enhance nucleosome sliding activity of the ACF-5 ISWI chromatin remodeling complex.

**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