

# CK19 recombinant protein

CatalogNo: YD3027

## Key Features

### Reactivity

- Human

## Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

## Recommended Dilution Ratios

## Basic Information

**Source** Mammalian cells

**Purification** Mammalian cells

**Purity** >90% as determined by SDS-PAGE

## Immunogen Information

**Sequence** Amino acid:244-390,with human FC tag.

## Target Information

**Gene name** KRT19

**Protein Name** Keratin, type I cytoskeletal 19 (Cytokeratin-19) (CK-19) (Keratin-19) (K19)

**Organism**

**Gene ID**

**UniProt ID**

Human

[3880](#);

[P08727](#);

**Tissue specificity** Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

**Function** Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**CK19 recombinant protein**

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