

Recombinant Mouse FNDC5 protein, His-tagged

Cat. No. FNDC5-10M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FNDC5 protein is produced by E.coli expression system and the residues Leu74-Ile209 is expressed with a His tag at the N-terminal.
Species	Mouse
Source	E.coli
ProteinLength	Leu74-Ile209
Molecular Mass	18 kDa
AA Sequence	LRFIQEVNTTTRSCALWDLEEDTEYIVHVQAIISIQQSPASEPVLFKTPREAEEKMASK NKDEVIMKEMGRNQQLRTGEVLIIVVLFMWAGVIALFCRQYDIKDNENNNKEKTK SASETSTPEHQGGGLLSKI
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90 %
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Notes	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5 % within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Concentration

200 µg/mL

Storage Buffer

20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin 300.

Reconstitution

Reconstitute in 20 mM Tris, 150 mM NaCl (pH 8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Fndc5 fibronectin type III domain containing 5 \[Mus musculus \]](#)

Official Symbol

[FNDC5](#)

Synonyms

FRCP2; Irisin; FNDC5; PeP; Pxp; 1500001L03Rik;

Gene ID

[70364](#)

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