

Recombinant Rhesus macaque B7-H4

Catalog No: CX08

Description Recombinant Rhesus macaque B7 Homolog 4 is produced by our Mammalian expression system and

the target gene encoding Phe29-Ala258 is expressed with a 6His tag at the C-terminus.

Source Human Cells

Alternative name CD99 Antigen; 12E7; E2 Antigen; Protein MIC2; T-Cell Surface Glycoprotein E2; CD99; MIC2; MIC2X;

MIC2Y

Accession No. F7B770

Predicted Molecular Weight 28.6kDa

AP Molecular Weight

40-60kDa, reducing conditions.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

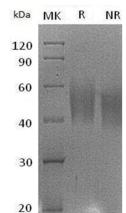
Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Background B7 Homolog 4 (B7-H4) is glycosylated member of the B7 family of immune costimulatory proteins. It is

widely expressed, including in kidney, liver, lung, pancreas, placenta, prostate, spleen, testis and thymus. B7-H4 negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the

of tumor macrophages, plays an important role, together with regulatory 1-cells (1 reg), in the suppression of tumor-associated antigen- specific T-cell immunity. It also involved in promoting

epithelial cell transformation.



SDS-Page

