

**Recombinant Mouse CD155 / PVR Protein (His Tag)****Cat.NO.: TP07843**

3th Edition

**Synonyms:**3830421F03Rik Protein, Mouse;CD155 Protein, Mouse;D7Ert458e Protein, Mouse;HVED Protein, Mouse;mE4 Protein, Mouse;necl-5 Protein, Mouse;PVS Protein, Mouse;Taa1 Protein, Mouse;Tage4 Protein, Mouse

**Description:**CD155, commonly known as PVR (poliovirus receptor) and Necl-5 (nectin-like molecule-5), is a type I transmembrane single-span glycoprotein, and belongs to the nectins and nectin-like (Necl) subfamily. CD155 was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. The normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhension, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.

**Form:**PBS

**Molecular Weight:**28 kDa

**Sequences:**Met 1-Arg 345

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.