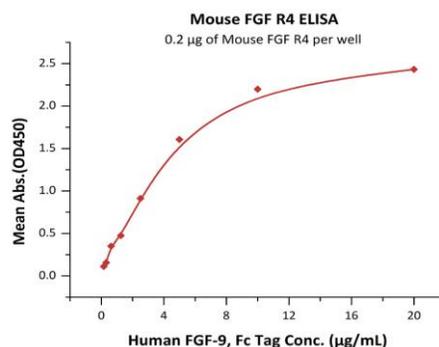
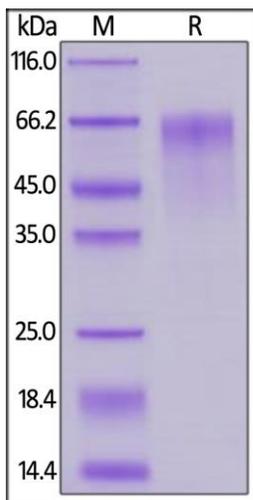


Human CellExp™ FGFR4/CD334, Mouse Recombinant

CATALOG #:	P1375-50 P1375-10
AMOUNT:	50 µg 10 µg
ALTERNATE NAMES:	FGFR4, CD334, JTK2, MGC20292, TKF
MOL. WT.	40.7 kDa (His tag at C-terminus)
SOURCE:	HEK293 cells
PURITY:	>90% by SDS-PAGE.
ENDOTOXIN:	<1 EU/µg by LAL method
FORM:	Lyophilized
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 100 µg/ml. Do not vortex.
SPECIFIC ACTIVITY:	Immobilized Mouse FGF R4 at 2 µg/mL (100 µL/well) can bind Human FGF-9, Fc Tag with a linear range of 0.156-5 µg/mL
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.
DESCRIPTION:	Fibroblast growth factor receptor 4(FGFR4) is also known as CD334, JTK2, hydroxyaryl-protein kinase, TKF, protein-tyrosine kinase. The FGFR4 gene provides instructions for making a protein called fibroblast growth factor receptor 4. This protein is part of a family of fibroblast growth factor receptors that share similar structures and functions. These receptor proteins play a role in important processes such as cell division, regulating cell growth and maturation, formation of blood vessels, wound healing, and embryo development. The FGFR4 protein interacts with specific growth factors to conduct signals from the environment outside the cell to the nucleus. The nucleus responds to these signals by switching on or off appropriate genes that help the cell adjust to changes in the environment. In response, the cell might divide, move, or mature to take on specialized functions. Although specific functions of FGFR4 remain unclear, studies indicate that the gene is involved in muscle development and the maturation of bone cells in the skull. The FGFR4 gene may also play a role in the development and maintenance of specialized cells (called foveal cones) in the light-sensitive layer (the retina) at the back of the eye.
AMINO ACID SEQUENCE:	aa Leu 17 - Asp 366



Immobilized Mouse FGF R4 at 2 µg/mL (100 µL/well) can bind Human FGF-9, Fc Tag with a linear range of 0.156-5 µg/mL



Mouse FGF R4 on SDS-PAGE under reducing (R) condition.

RELATED PRODUCTS:

Human CellExp™ FGFR4/CD334, human recombinant (7422)
Anti-FGFR4 Antibody (A1631)

FOR RESEARCH USE ONLY! Not to be used on humans.