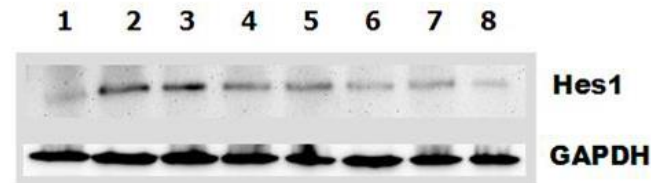


Human CellExp™ DLL1, Mouse Recombinant

CATALOG NO:	P1162-10 10 µg P1162-50 50 µg
ALTERNATE NAMES:	Delta-like Protein 1, Delta 1
SOURCE:	HEK 293 cells (aa 18-545)
PURITY:	≥ 90% by SDS – PAGE
SEQUENCE:	Extracellular domain of mouse DLL1 (aa 18-545) is fused at the C-terminus to the Fc portion of human IgG1
ENDOTOXIN LEVEL:	<0.1 EU/µg protein by LAL method
MOL. WEIGHT:	~100kDa
FORM:	Lyophilized
FORMULATION:	Lyophilized from 0.2 µm-filtered PBS
STORAGE CONDITIONS:	For short term store at +4°C (1-2 weeks). For long term storage, store at -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
RECONSTITUTION:	10 µg size: Reconstitute with 100µl sterile water. 50 µg size: Reconstitute with 50µl sterile water.
DESCRIPTION:	The Notch ligand delta-like protein 1 (DLL1) is essential for postnatal arteriogenesis and contributes to tumor progression. DLL1 is involved in differentiation and self-renewal of adipocyte stem cells. Blocks the differentiation of progenitor cells into the B cell lineage while promoting the emergence of a population of cells with the characteristics of a T cell/NK-cell precursor.
BIOLOGICAL ACTIVITY:	Inhibits adipogenesis of 3T3L-1 cells. Induces Hes-1 in 3T3L-1 cells



Induction of Hes-1 with the treatment of recombinant mouse DLL1: 3T3L1 cells were stimulated with 5mg/ml of mouse DLL1- as indicated time points and each cell lysate was prepared and subjected to western blot by using anti-mouse Hes1 or GAPDH.
Lane 1: mDLL1, 0 min Lane 2: mDLL1, 10min Lane 3: mDLL1, 30min Lane 4: mDLL1, 1hr Lane 5: mDLL1, 2hr Lane 6: mDLL1, 4hr Lane 7: mDLL1, 8hr Lane 8: mDLL1, 24hr

RELATED PRODUCT:

- Human CellExp™ sDLL-1, Human Recombinant (**Cat. No. 7133**)
- Human CellExp™ sDLL-4, Human Recombinant (**Cat. No. 7134**)
- Notch-1, mouse recombinant (**Cat. No. 7530**)
- Notch-2, mouse recombinant (**Cat. No. 7531**)
- Notch 1 Antibody (**Cat. No. 3881**)
- Notch-1 (human) ELISA Kit (**Cat. No. K4763**)

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