

# Human CellExp™ B7-H3 / CD276, Human Recombinant

**CATALOG NO:** P1388-10 10 µg  
P1388-50 50 µg

**ALTERNATE NAMES:** 4Ig-B7-H3, B7-H3, CD276, PSEC0249, UNQ309/PRO352, B7 homolog 3

**MOL. WT.** This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 48.5 kDa. The protein migrates as 65-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**SOURCE:** HEK 293 cells

**PURITY:** >95% as determined by SDS-PAGE.

**ENDOTOXIN:** Less than 1.0 EU per µg by the LAL method.

**FORM:** Lyophilized

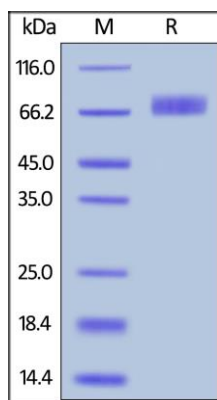
**FORMULATION:** Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

**RECONSTITUTION:** Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 100 µg/ml. Do not vortex. It is recommended to store at -20°C.

**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. -20°C

**DESCRIPTION:** Human B7 homolog 3 (B7-H3) is a member of the B7 family of immune proteins that provide signals for the regulation of immune responses. Other family members include B7-1, B7-2, B7-H1/PD-L1, B7-H2, and PD-L2. B7 family proteins are type I transmembrane immunoglobulin (Ig) superfamily members that contain extracellular Ig V- like and Ig C- like domains with a short cytoplasmic tail. Termed 4IgB7-H3 or B7-H3b, this molecule has two additional Ig-like domains (one V- type and one C- type) and shows a ubiquitous expression pattern.

**AMINO ACID SEQUENCE:** AA Gly 27 - Thr 461



Human B7-H3 (4Ig) on SDS-PAGE under reducing (R) condition

## RELATED PRODUCTS:

Human CellExp™ B7-H3 / CD276, Mouse recombinant (P1073)  
Human CellExp™ B7-H3 / CD276, Fc Tag, Human recombinant (9239)

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