

32-17010: Recombinant human 2B4 protein with C-terminal mouse Fc and 6 \times His tag

Alternative Name : CD244, 2B4, SLAMF4, NKR2B4, NAIL, h2B4

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 48.8 kDa after removal of the signal peptide. The apparent molecular mass of 2B4-mFc-His is approximately 70-100 kDa due to glycosylation.

This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	50 μ g
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

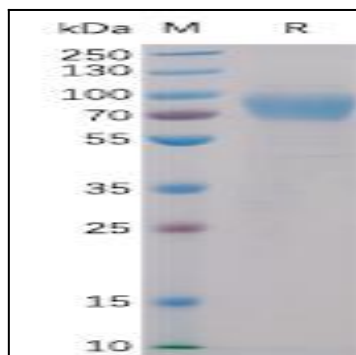


Figure 1. Human 2B4, mFc-His Tag on SDS-PAGE under reducing condition.

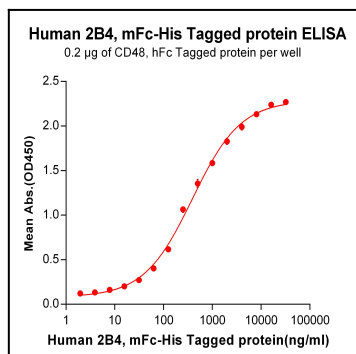


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human 2B4, mFc-His tagged protein can bind Human CD48, hFc tagged protein in a linear range of 31.25-4000 ng/ml.