

Recombinant human Wnt-3a protein, C-hFc (Active, CHO)

Catalog Number: bs-48078P

Species: Human

AA Seq: Ser19-Lys352 with a C-terminal linker GGGGGS and Human IgG1 (Asp104-Lys330)

Predicted MW: 58.2

Tags: C-hFc

Activity: Yes

Endotoxin: ≤ 100 EU/mg

Purity: $\geq 95\%$ as determined by SDS-PAGE.

Purification: AC

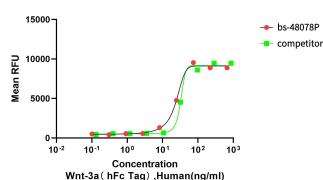
Form: Lyophilized

Storage: Lyophilized from a 0.2 μ m-filtered solution containing PBS, pH7.4

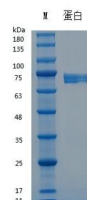
Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution.

Background: The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Measured by its ability to induce Topflash reporter Bioactivity in CHO-K1 cells. The ED50 for this effect is



The purity of the protein is greater than 95% as determined by reducing SDS-PAGE.