

Biotinylated Human TSPAN8 Protein; His-Avi Tag

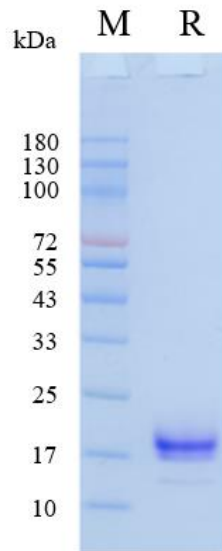
Product Information

Product Name	Biotinylated Human TSPAN8 Protein; His-Avi Tag
Storage temp.	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-83113RP-25 / 25 μg GM-83113RP-200 / 200 μg

Protein Information

Alternative Names	Tspan-8, CO-029,tetraspanin 8,TM4SF3,TM4SF3tspan-8
Source	Biotinylated Human TSPAN8 Protein; His-Avi Tag (GM-83113RP) is expressed from human 293 cells (HEK-293). It contains AA Lys110-Asn205 (Accession # P19075-1). This protein carries a His-Avi tag at the N-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	11.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Description	TSPAN8 is a transmembrane protein, also known as Tetraspanin-8. It is a member of the Tetraspanin protein family, primarily expressed on the cell membrane. TSPAN8 plays important roles in various biological processes, including cell adhesion, cell signaling, cell proliferation, and migration. Studies have shown that the expression levels of TSPAN8 are elevated in various cancers, such as colorectal cancer, liver cancer, pancreatic cancer, etc. It is considered a potential cancer biomarker and may be involved in the initiation and progression of tumors. Additionally, TSPAN8 has been found to be associated with diseases such as liver fibrosis, inflammation, etc. Research on TSPAN8 helps to further understand its role in the development of diseases, providing new insights for the treatment and diagnosis of related diseases.

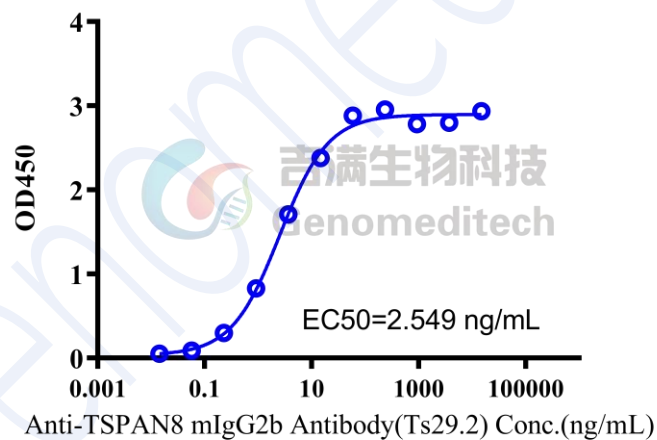
SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA

Biotinylated Human TSPAN8 Protein; His-Avi Tag ELISA 0.1 μg Biotinylated Human TSPAN8 Protein; His-Avi Tag per well



Biotinylated Human TSPAN8 Protein; His-Avi Tag (Catalog # GM-83113RP) was immobilized at 1 $\mu\text{g}/\text{ml}$ (100 $\mu\text{L}/\text{well}$) on streptavidin precoated. Increasing concentrations of Anti-TSPAN8 mIgG2b Antibody (Ts29.2) (Catalog # GM-82623AB) were added.