

Human TM4SF1 Protein-VLP



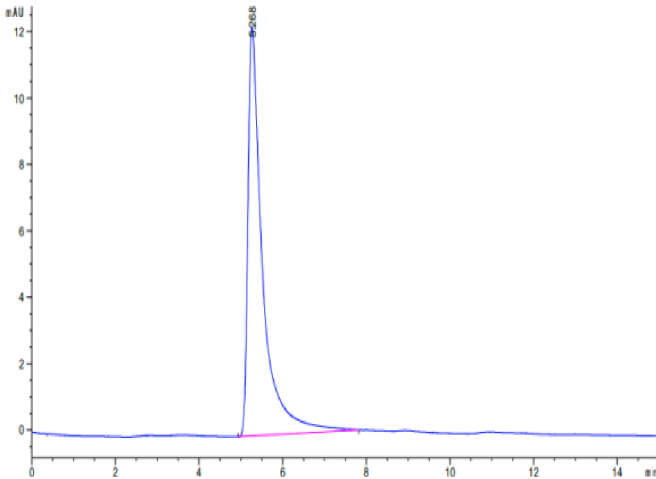
Cat. No. TSF-HM002

| Description | |
|------------------|--|
| Source | Recombinant Human TM4SF1 Protein-VLP is expressed from HEK293. It contains Met1-Cys202 (It may have cross reaction with anti-His antibody). |
| Accession | P30408 |
| Molecular Weight | The target protein has a predicted MW of 21.64 kDa. |
| Endotoxin | Less than 1 EU per µg by the LAL method. |
| Purity | > 95% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in PBS (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended. |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

| Background | |
|---|--|
| Transmembrane-4-L-six-family-1(TM4SF1), a four-transmembrane L6 family member, is highly expressed in various pancreatic cancer cell lines and promotes cancer cells metastasis. It is upregulated in several epithelial cancers and is closely associated with poor prognosis. | |

| Assay Data | |
|------------|--|
| SEC-HPLC | |

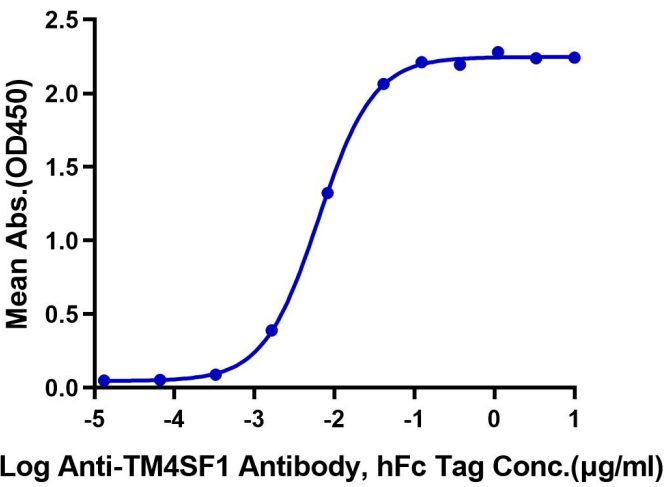


The purity of Human TM4SF1 VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Assay Data

Human TM4SF1 VLP ELISA
0.5µg Human TM4SF1 VLP Per Well



Immobilized Human TM4SF1 VLP at 5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-TM4SF1 Antibody, hFc Tag with the EC50 of 6.3 ng/ml determined by ELISA.