

TM4SF1 Protein-VLP, Human, Recombinant

General Information

Synonyms:	TAAL6;L6;H-L6;M3S1
Protein Construction:	Met1-Cys202
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P30408
Molecular Weight:	21.64 kDa (predicted)

QC Testing

Biological Activity:	Immobilized Human TM4SF1 VLP at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-TM4SF1 Antibody, hFc Tag with the EC50 of 6.3ng/ml determined by ELISA.
Purity:	> 95% as determined by HPLC
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4). Notice: If you need it for immunization, Do Not use any adjuvant.

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein 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.

Reference

Yang JC, et al. TM4SF1 Promotes Metastasis of Pancreatic Cancer via Regulating the Expression of DDRSci Rep. 2017 Apr 3;7:45895. doi: 10.1038/srep45895. PMID: 28368050; PMCID: PMC5377454.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481