

SLIT2 Protein, Human, Recombinant (His)

General Information

Synonyms:	Slit-2;SLIL3
Protein Construction:	A DNA sequence encoding the Human SLIT2 (O94813) (Leu271-Ala480) was expressed with a polyhistidine tag at the C-terminus.
Species:	Human
Expression Host:	HEK293 Cells
Accession:	O94813
Molecular Weight:	24.98 kDa (predicted); 23.5 kDa (reducing condition, due to glycosylation)

QC Testing

Biological Activity:	<ol style="list-style-type: none">1. Immobilized SLIT2 Protein, Human, Recombinant (His) (Cat#TMPY-07086) at 10 µg/mL (100 µL/well) can bind ROBO1 Protein, Human, Recombinant (hFc) (Cat#TMPY-06346), the EC50 is 60-180 ng/mL.2. Loaded ROBO1 Protein, Human, Recombinant (hFc) (Cat#TMPY-06346) on proA Biosensor, can bind SLIT2 Protein, Human, Recombinant (His) (Cat#TMPY-07086) with an affinity constant of 42.8 nM as determined in BLI assay (Sartorius Octet RED384) (Routinely tested).
Purity:	≥ 95% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hardcopy of datasheet or the lot-specific COA.

Preparation and Storage

Reconstitution:

Please refer to the lot-specific COA.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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