

Human Semaphorin 6A / SEMA6A Protein (His Tag)

Catalog Number: 11189-H08H



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Biological Solution Specialist

General Information

Gene Name Synonym:

HT018; SEMA; SEMA6A1; SEMAQ; VIA; 93301580000000; A730020P05Rik; AI851735; b2b997Clo; Sema6A-1; Semaq; VIA

Protein Construction:

A DNA sequence encoding the human SEMA6A (NP_065847.1) extracellular domain (Met 1-Thr 649) was expressed, with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Gly 19

Molecular Mass:

The recombinant human SEMA6A consists of 642 amino acids and predicts a molecular mass of 72.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SEMA6A is approximately 85-95 kDa due to glycosylation.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

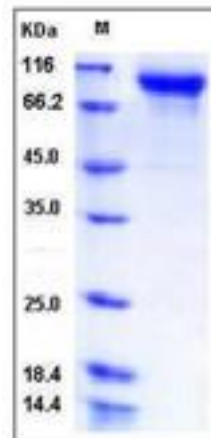
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Klosternann A., et al., 2000, J. Biol. Chem. 275:39647-53.
- 2.Nagase T., et al., 2000, DNA Res. 7:65-73.
- 3.Schmutz J., et al., 2004, Nature 431:268-74.

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