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## Product Datasheet

### Human Semaphorin 3A protein, His tag, Unconjugated GTX00178-PRO

|                            |   |
|----------------------------|---|
| Article Name               | Human Semaphorin 3A protein, His tag, Unconjugated  |
| Biozol Catalog Number      | GTX00178-PRO  |
| Supplier Catalog Number    | GTX00178-pro  |
| Alternative Catalog Number | GTX00178-PRO-10   |
| Manufacturer               | GeneTex   |
| Category                   | Proteine/Peptide  |
| Application                | FA  |
| Species Reactivity         | Human   |
| Conjugation                | Unconjugated  |
| NCBI                       | <a href="#">10371</a>   |
| UniProt                    | <a href="#">Q14563</a>  |
| Buffer                     | Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300. |
| Expression System          | E. coli   |
| Form                       | Lyophilized powder  |
| Sequence                   | N-terminal His-Tag, Arg31~Cys141 (NP_006071.1)  |

Application Notes

The Semaphorin 3A (SEMA3A) which belongs to the semaphorin family can function as either a chemorepulsive agent, inhibiting axonal outgrowth, or as a chemoattractive agent, stimulating the growth of apical dendrites. In both cases, the protein is vital f