

| Description             |   |
|-------------------------|---|
| Source                  | HEK293  |
|                         | Met1-Arg227 (beta chain) and Ser228-Glu449 (alpha chain), with a C-           |
|                         | terminal DDK and His tag on the alpha chain.                                  |
|                         | Accession # NP_001822   |
| Purity                  | >95% by SDS-PAGE  |
| N-terminal              | Asp23 (beta chain) predicted  |
| Sequence                | Ser228 (alpha chain) predicted  |
| Predicted               | 50kDa (full-length)   |
| Molecular Mass          | 25.9kDa (alpha-chain)   |
|                         | 24.2kDa (beta-chain)  |
| SDS-PAGE                | 62kDa (full-length, non-reduced)  |
|                         | 40kDa doublet (alpha and beta chain) reducing conditions                      |
| Formulation             | Lyophilized from 1X PBS with Trelahose  |
| Preparation and Storage |   |
| Reconstitution          | Reconstitute at 50 $\mu$ g/mL in sterile PBS containing at least 0.1% protein |
| Shipping                | Ambient or cold   |
| Storage                 | 5 years at -80°C; 2 years at -20°C or 4°C                                     |
|                         | Upon reconstitution: 5 years at -80°C; 2 years at -20°C                       |
| Expiration              | 1/28/2021   |

