# Recombinant Human Muscle, skeletal receptor tyrosine-protein kinase (MUSK), partial, Biotinylated

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| **Product Code** | CSB-EP015241HU-B |
| **Abbreviation** | Recombinant Human MUSK protein, partial, Biotinylated |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?. |
| **Uniprot No.** | O15146 |
| **Form** | Liquid or Lyophilized powder |
| **Storage Buffer** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Product Type** | Recombinant Human Muscle, skeletal receptor tyrosine-protein kinase (MUSK), partial, Biotinylated |
| **Immunogen Species** | Homo sapiens (Human) |
| **Sensitivity** | Not Test |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |
| **Sequence** | LPKAPVITTPLETVDALVEEVATFMCAVESYPQPEISWTRNKILIKLFDTRYSIRENGQLLTILSVEDSDDGIYCCTANNGVGGAVESCGALQVKMKPKITRPPINVKIIEGLKAVLPCTTMGNPKPSVSWIKGDSPLRENSRIAVLESGSLRIHNVQKEDAGQYRCVAKNSLGTAYSKVVKLEVEVFARILRAPESHNVTFGSFVTLHCTATGIPVPTITWIENGNAVSSGSIQESVKDRVIDSRLQLFITKPGLYTCIATNKHGEKFSTAKAAATISIAEWSKPQKDNKGYCAQYRGEVCNAVLAKDALVFLNTSYADPEEAQELLVHTAWNELKVVSPVCRPAAEALLCNHIFQECSPGVVPTPIPICREYCLAVKELFCAKEWLVMEEKTHRGLYRSEMHLLSVPECSKLPSMHWDPTACARLPHLDYNKENLKTFPPMTSSKPSVDIPNLPSSSSSSFSVSPTYSMT |
| **Research Area** | Signal Transduction |
| **Source** | E.coli |
| **Target Names** | MUSK |
| **Expression Region** | 24-495aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week. |
| **Tag Info** | N-terminal MBP-tagged and C-terminal 6xHis-Avi-tagged |
| **Mol. Weight** | 99.6 kDa |

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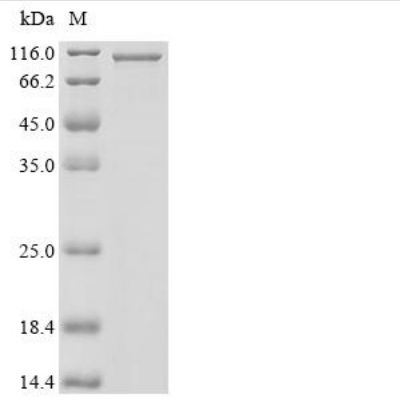
| **Protein Length** | Partial |
| **Image** |  (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel. |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20?/-80?. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |