

Certificate

Lot Number: F220101

Recombinant IgG1

Catalog Number: T80001

CAS#: 180288-69-1

| Details | | | |
|--|-----------|-------------------|------------------------|
| Size | 5 mg | Grade | Reference Material |
| Host/Isotype | CHO/IgG1 | Form | Liquid |
| Concentration | 5.0 mg/mL | Storage Buffer | L-Histidine, Trehalose |
| Storage Condition | 2~8 °C | Country of Origin | China, P.R. |
| Additional Information: Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration. This antibody is recommended for use as Reference Material for physicochemical test including concentration determination, system suitability standard for CEX/SEC/cIEF/CE-SDS/N-glycan and MW calibration in MS. The chromatographs of this reference material are listed in datasheet. | | | |

| Product Informations | |
|---------------------------------|--|
| CEX | Acidic: 27.0%, Main: 61.7%, Basic: 11.3% |
| SEC-HPLC | Monomer: 97.5% |
| R-CE-SDS | Heavy chain and light chain: 99.6% |
| NR-CE-SDS | Purity: 99.7% |
| N-Glycan | G0-GN:1.1%, G0F-GN:13.5%, G0:2.6%, G0F:64.7%, Man-5:5.5%, G1F:5.7%, G1F':2.1%, G2F:0.4%, Others:4.4% |
| Non-reduced Intact MS (Deglyco) | Intact theoretic MW: 145168 Da, Intact observed MW: 145170 Da |
| Reduced Intact MS (Deglyco) | LC theoretic MW: 23443 Da, LC observed MW: 23443 Da HC theoretic MW: 49157 Da, HC observed MW: 49157 Da |
| Extinction Coefficient | 1.39 mL·mg ⁻¹ ·cm ⁻¹ |



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