

Product: Factor VIII, human, recombinant
Catalog #: 12-4417
Amount: 100 IU

DESCRIPTION: Recombinant human Factor VIII (rHuFactorVIII)
Recombinant Human Antihemophilic Factor produced in CHO is a glycosylated polypeptide chain having a total amino acids of 1438 (170kd) and consisting of two dimer chains 80 kD and 90 kD
The rHuFactor-VIII is purified by proprietary chromatographic techniques

SOURCE: *Chinese Hamster Ovary (CHO) Cells*

PURITY: > 98%, as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN: Less than 0.1 ng/μg (IEU/μg) of rHuFactorVIII

DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC

FORM: Purified, in 12.5mg HSA, 1.5mg PEG 3.35kD and 1.5μg Tween 80

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

BIOLOGICAL ACTIVITY: rHuFactorVIII is fully biologically active when compared to standards.
The potency per mg was tested and found to be 13,000Units/mg

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