

RECOMBINANT ANTIGENS FOR CALIBRATORS & STANDARDS

Innovation from Molecular Design to Immunoassay Application

Renal Function Markers

Analyte	Cat#	Expression
β2-Microglobulin (BMG)		E. coli
Cystatin C (CYC)		E. coli
Retinol Binding Protein (RBP)		CHO
α1-Microglobulin (AMG)		CHO
Neutrophil Gelatinase-Associated Lipocalin (NGAL)		CHO

Cardiac Markers

Analyte	Cat#	Expression
Myoglobin (MYO)		CHO
Heart-type Fatty Acid Binding Protein (H-FABP)		CHO

Inflammation Markers

Analyte	Cat#	Expression
C-Reactive Protein (CRP)		E. coli
Calprotectin (S100A8/A9 Heterodimer)		CHO

Product Features for IVD Development

Quality Specifications	Characterized by SDS-PAGE, Western Blot, SEC-HPLC; Endotoxin <1.0 EU/μg; CoA provided
Lot-to-Lot Consistency	Functional validation on immunoassay platforms (CLIA/ELISA/LETIA) ensures batch-to-batch reproducibility
Regulatory Support	Comprehensive documentation package including protein sequence, expression system details, and QC data
Supply Reliability	Manufacturing scale optimized for commercial production with stable inventory and technical support

Calibrator & Standard Applications

- Multi-Point Calibration Curves for Quantitative Immunoassays (CLIA, ELISA, Turbidimetry, Nephelometry)
- Quality Control (QC) Materials and Internal Controls for Clinical Laboratories
- Assay Validation, Method Comparison, and Traceability Establishment in IVD Development

All products are available for sampling. Contact us for detailed CoA, protein sequences, and technical specifications.