cellsciences.com

IGF2R
Recombinant Human IGF-IIR / CD222 (His tag)

Catalog No.	CRH360	**Quantity:**	100 µg

Alternate Names: Cation-independent mannose-6-phosphate receptor, CI Man-6-P receptor, M6PR, 300 kDa mannose 6-phosphate receptor, Insulin-like growth factor II receptor, IGF-II receptor, M6P/IGF2R, CD222

Description: Complement C3 in the serum spontaneously fragments into C3a and C3b. Metastable C3b covalently binds to highly conserved microbial polysaccharides. Binding of C3b on the microbial surface facilitates microbial killing or removal, through the interaction of C3b with CR1 receptors on phagocytes. C3b also is cleaved to C3bi, which binds to the CR3 receptor (Mac-1, Cd11b-CD18) and CR4 receptor (CD11c-CD18). C3bi receptors are β2 integrins, which are present on neutrophils, macrophages, and certain other cell types and play a role in leukocyte adhesion. Along with IgG antibody, which binds to Fcγ receptors on phagocytes, C3b and C3bi promote phagocytosis and killing of bacteria and fungi.

UniProt ID: P11717

Protein Construction: A DNA sequence encoding the human IGF2R (Met1-Asp1365) was fused with the C-terminal His Tag

Source: Mammalian cell line

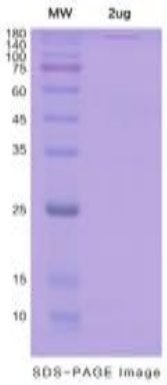
Molecular Weight: 150.15 kDa

Formulation: Lyophilized from sterile-filtered PBS

Purity: > 90% by SDS-PAGE

Reconstitution: **Centrifuge vial prior to opening.** Reconstitute with PBS to a concentration of not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted into other buffered solutions such as PBS pH 7.0.

Storage & Stability: Lyophilized protein is stable for 1 year at -20°C to -80°C. Store reconstituted protein in working aliquots at -20°C to -80°C. **Avoid repeated freeze-thaw cycles**.



SDS-PAGE Image

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com