



## RhD

**Catalog No.** PY-20063

**Scale:** 1 mg

**Form:** lyophilized protein

### Target description

Antigens of the Rh blood group system are products of RhD and RhCE (collectively referred to as Rh30 or RhCED), two tightly linked and highly homologous genes. RhD carries the D antigen, the most potent blood group immunogen. The D epitope is not expressed in a relatively large segment of the population (i.e., Rh-negative phenotype), as a result of RHD gene deletion or other gene alterations. The RhD protein sequence (aa. 108-165) is conserved with the other members of Rh family (RhD isoform 1,2,3, RhCE and RhD TI).

### Products

***E. coli* derived RhD (aa. 108-165) fusion protein with His tag**

### Comments

**Protein ID :** GI:423065

**Fusion tag :** 4kDa (His-tag)

**Purity :** > 90%

**Fusion protein size :** approx. 13 kDa

### Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

### Potential Applications

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen

### SDS PAGE analysis (Commassie blue staining)

