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## Product Datasheet

### **4E Binding Protein 1 (Eukaryotic Translation Initiation Factor 4E Binding Protein 1, eIF4E Binding Protein 1, eIF4EBP1, 4EBP1, 4E-BP1, BP-1, MGC4316, Phosphorylated Heat- and Acid-stable Protein Regulated by Insulin 1, PHAS-1, PHA USB-0004-21A**

|                            |   |
|----------------------------|---|
| Article Name               | 4E Binding Protein 1 (Eukaryotic Translation Initiation Factor 4E Binding Protein 1, eIF4E Binding Protein 1, eIF4EBP1, 4EBP1, 4E-BP1, BP-1, MGC4316, Phosphorylated Heat- and Acid-stable Protein Regulated by Insulin 1, PHAS-1, PHA                        |
| Biozol Catalog Number      | USB-0004-21A  |
| Supplier Catalog Number    | 0004-21A  |
| Alternative Catalog Number | USB-0004-21A-20,USB-0004-21A-100  |
| Manufacturer               | US Biological   |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Immunogen                  | Synthetic peptide corresponding to residues surrounding Ser112 of human 4E-BP1.   |
| Product Description        | Translation repressor protein 4E-BP1 (also known as PHAS-1) inhibits cap-dependent translation by binding to the eIF4E translation initiation factor. Hyperphosphorylation of 4E-BP1 disrupts this interaction and results in activation of cap-dependent ... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [10g124 53H11]  |
| UniProt                    | <a href="#">Q13541</a>  |

|        |   |
|--------|---|
| Purity | Purified  |
| Form   | Supplied as a liquid in 10mM sodium HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, &lt;0.02% sodium azide, 50% glycerol. |