Modified EIF2S Peptide
Synthetic peptide substrate derived from human EIF2S1

Catalog # E23-588
Lot # i339-6

Product Description
The Modified EIF2S Peptide sequence (Modified-CILLSELSRRRIR) is derived from human EIF2S1 (46-57) and is suitable for use as the substrate for EIF2AK kinase family and MNK1.

Molecular Weight
The theoretical molecular weight is 1614.99

Purity
The purity was determined to be 95.88% by HPLC analysis.

Formulation
1mg of peptide supplied as a 1ml vial.

Storage and Stability
Store product at –20°C. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Modified EIF2S Peptide
Synthetic peptide substrate derived from human EIF2S1

Catalog Number E23-588
Quantity 1 mg in 1ml volume
Specific Lot Number I339-6
Purity 95.88%
Concentration 1 mg/ml
Stability 1yr at –20°C from date of shipment
Storage & Shipping: Store product at –20°C. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped at ambient temperature.

Related Kinases
Modified EIF2S Peptide can be utilized as a substrate for the following active protein kinases.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Catalog Number</th>
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</thead>
<tbody>
<tr>
<td>MNK1, Active</td>
<td>M54-10G</td>
</tr>
<tr>
<td>EIF2AK1, Active</td>
<td>H07-10G</td>
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<tr>
<td>EIF2AK2, Active</td>
<td>P80-11G</td>
</tr>
<tr>
<td>EIF2AK3, Active</td>
<td>E11-11G</td>
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<tr>
<td>EIF2AK4, Active</td>
<td>E12-11G</td>
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