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Product Datasheet

Recombinant Human Cystine/glutamate transporter (SLC7A11) (Active) BYT-ORB1096292

Article Name	Recombinant Human Cystine/glutamate transporter (SLC7A11) (Active)
Biozol Catalog Number	BYT-ORB1096292
Supplier Catalog Number	orb1096292
Alternative Catalog Number	BYT-ORB1096292-20,BYT-ORB1096292-100
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Cystine/glutamate transporter (SLC7A11) (Active) spans the amino acid sequence from region 1-501aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	58.2 kDa
UniProt	Q9UPY5
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Liquid or Lyophilized powder

Sequence	MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLRLRGVSIIGTIIGAGIFISPKGVLQNTGSVGMSLTIWTVCGVLSLFGALSIAELGTTIKKSGGHYTYILEVFGPLPAFVRVWVELLIIRPAATAVISLAFGRYILEPFFIQCEIPELAIKLI TAVGITVVMVLNSMSVSWSARIQIFLTFCKLTAILIIIVPGVMQLIKGQTQNFKD AFSGRDSSITRLPLAFYYGMYAYAGWFYLNFB
Application Notes	Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human SLC7A11 at 2 µg/mL can bind Anti-SLC7A11 recombinant antibody, the EC50 is 9.452-13.79 ng/mL. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference