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Product Datasheet

Human sCD40L Protein
BYT-ORB428314

Article Name	Human sCD40L Protein
Biozol Catalog Number	BYT-ORB428314
Supplier Catalog Number	orb428314
Alternative Catalog Number	BYT-ORB428314-1,BYT-ORB428314-10,BYT-ORB428314-50
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human sCD40L protein...
Buffer	Lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in PBS, pH 7.0.
Purity	Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Application Notes	<p>Solubility: It is recommended to reconstitute the lyophilized sCD40L in sterile 18MO-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The ED50 as determined by the dose-dependant stimulation of IL-12 induction & IL-8 production by human PBMC was found to be 5-10 ng/ml. Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 1.1 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of CD40 as a Reference Standard</p>