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## Product Datasheet

### Human IL12A protein BYT-ORB419321

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|----------------------------|---|
| Article Name               | Human IL12A protein   |
| Biozol Catalog Number      | BYT-ORB419321   |
| Supplier Catalog Number    | orb419321   |
| Alternative Catalog Number | BYT-ORB419321-10,BYT-ORB419321-100,BYT-ORB419321-500  |
| Manufacturer               | Biorbyt   |
| Category                   | Proteine/Peptide  |
| Product Description        | This Human IL12A protein spans the amino acid sequence from region 23-219aa&23-328aa. Purity: > 95% as determined by SDS-PAGE and HPLC....  |
| Molecular Weight           | 57.2 kDa. 75.0 kDa is the observed value of non-reducing gel, and the reducing glue is the size of p40 and p35 subunits, and 57.2 kDa is the theoretical value.   |
| UniProt                    | <a href="#">P29459</a>  |
| Buffer                     | Lyophilized from a 0.2 µm filtered PBS, pH 7.4  |
| Source                     | Homo sapiens (Human)  |
| Purity                     | > 95% as determined by SDS-PAGE and HPLC.   |
| Form                       | Lyophilized powder  |
| Sequence                   | p35Subunit:RNLPVATPDPGMFPCLHHSQNLLRAVSNMLQKARQTLEFYPT<br>SEEIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSFITNGSCLASRKTSFMM<br>ALCLSSIIYEDLKMYQVEFKTMNAKLLMDPKRQIFLDQNMLAVIDELMQALNFN<br>SETVPQKSSLEEPDFYKTKIKLCILLHAFRIRAVTIDRVMSYLNASp40Subunit:I<br>WELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGI |

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| Application Notes | Biological Origin: Homo sapiens (Human). Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using PHA-activated human T lymphoblasts is less than 0.05 ng/ml, corresponding to a specific activity of $> 2.0 \times 10^7$ IU/mg. Application Notes: Tag Info: NO-taggedExpression Region: 23-219aa&23-328aaSequence Info: Partial |
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