

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### DPP4, HEK BYT-ORB1995010

Article Name	DPP4, HEK
Biozol Catalog Number	BYT-ORB1995010
Supplier Catalog Number	orb1995010
Alternative Catalog Number	BYT-ORB1995010-1, BYT-ORB1995010-10, BYT-ORB1995010-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant Human Dipeptidyl-Peptidase 4, HEK...
Buffer	DPP4 protein solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).
Purity	Greater than 95.0% as determined by Analysis by SDS-PAGE.
Form	Sterile Filtered colorless solution.
Sequence	DGSMNKGTTD ATADSRKTYT LTDYLNKTYR LKLYSLRWIS DHEYLYKQEN NILVFNAEYG NSSVFLENST FDEFGHSIND YSISPDGQFI LLEYNVVKQW RHSYTASYDI YDLNKRQLIT EERIPNNTQW VTWSPVGHKL AYVWNNDIYV KIEPNLPSYR ITWTGKEDII YNGITDWVYE EEVFSAYSAL WWSPNGTFLA YAQFNDTEVP LIEYSFYSDE SLQYPKTVRV PY

Application Notes

Biological Activity: Specific activity is > 15,000 pmol/min/ug in which one unit defined as the amount of enzyme that hydrolyze 1pmole of H-Gly-Pro-AMC.HBr to H-Gly-Pro and AMC per minute at pH 8.0 at 37°C. The ED50 range 250 ng/ml is measured by its binding ability in a functional ELISA with MERS-CoV Spike S1 Subunit.. The ED50 range 200 ng/ml is measured by its binding ability in a functional ELISA with MERS-CoV Spike RBD. The ED50 range 120 ng/ml is measured by its binding ability in a functional ELISA with MERS-CoV Spike