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## Product Datasheet

### Calcineurin (human), (recombinant) ENZ-BML-SE163-5000

Article Name	Calcineurin (human), (recombinant)
Biozol Catalog Number	ENZ-BML-SE163-5000
Supplier Catalog Number	BML-SE163-5000
Alternative Catalog Number	ENZ-BML-SE163-5000-5000
Manufacturer	Enzo Life Sciences
Category	Proteine/Peptide
Product Description	Calcineurin (human), (recombinant)...
Molecular Weight	60 kDa (calcineurin Aalpha) + 15 kDa (calcineurin B)
UniProt	<a href="#">Q08209</a>
Source	Produced in E. coli. Human calcineurin Aalpha (MW 60kDa) and calcineurin B (MW 15kDa) heterodimer. Both subunits are coexpressed in a construct with yeast myristoyl-CoA:protein N-myristoyltransferase. The resulting highly active calcineurin (protein phosphatase)
Purity	90% (SDS-PAGE)
Form	Liquid. In 1X KI-128 Assay Buffer with increased DTT concentration (50mM TRIS, pH 7.5, containing 100mM sodium chloride, 6mM MgCl <sub>2</sub> , 5mM DTT, 0.025% NP-40 and 0.5mM CaCl <sub>2</sub> ).
Target	Serine/threonine-protein phosphatase  Serine/threonine-protein phosphatase

Application Notes

Useful for the study of enzyme kinetics, regulation, to dephosphorylate target substrates, and for screening inhibitors. Enzyme activity may be determined using the BIOMOL GREEN Calcineurin Assay Kit (Prod. No. BML-AK804).