

Product Data Sheet

Inositol 2-dehydrogenase

Catalog #	Source	Reactivity	Applications
CZM1142	E.coli		
Description	Recombinant Inositol 2-dehydrogenase from E.coli		
Specificity	>50 U/mg protein, >10 U/mg powder		
Form	White lyophilized powder		
Alternative Names	EC 1.1.1.18; myo-inositol 2-dehydrogenase; myo-inositol:NAD ⁺ oxidoreductase; inositol dehydrogenase; myo-inositol dehydrogenase		
CAS Number	9028-25-5		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will produce 1 micromole scyllo-inosose and NADH from myo-inositol and NAD ⁺ per minute at pH 9.6 and 25°C.		
Storage/Stability	Shipped at 4°C. Store at -20°C for 2 years.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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techsupport@cohesionbio.com

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custom@cohesionbio.com