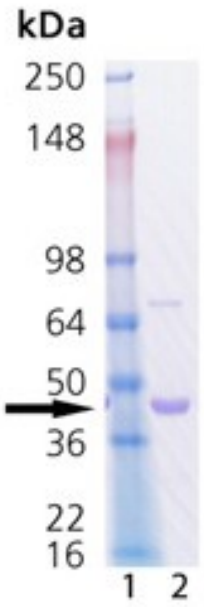
LAR (human), (recombinant)

Removes phosphate specifically from tyrosine residues in proteins. Rate of dephosphorylation depends on LAR substrate preference.

Citations: 1 View Online »

Manuals, SDS & CofA View Online »



SDS□PAGE Analysis: Lane 1: MW Marker, Lane 2: 1µg LAR protein tyrosine phosphatase (human), (recombinant)

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Leukocyte common antigen-related protein tyrosine phosphatase
Formulation	Liquid. In 50mM TRIS-HCl, pH 7.0, containing 100mM sodium chloride, 2mM EDTA, 5mM dithiothreitol, 0.01% Brij 35, and 30% glycerol.
MW	37 kDa
Purity	≥90% (SDS-PAGE)
Purity Detail	Contains no detectable protease, DNase, RNase, or Ser/Thr phosphatase activity.
Source	Produced in *E. coli*. Soluble catalytic LAR-D1 domain (350 aa).
Specific Activity	≥3 U/µg. One unit will hydrolyze 1 nmol p-nitrophenyl phosphate per minute at pH 7.0 and 30°C. 20 U can dephosphorylate >95% of phosphotyrosine in 1 nmol protein in 30 minutes.
UniProt ID	P10586

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