

Recombinant Human Soluble DLK-1 (sDLK-1) Protein

Catalog Number: EXRP071

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

EXREprotein™
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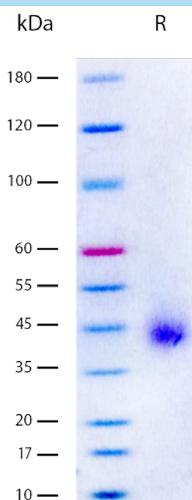
Product Details

Biological Activity	Determined by an inhibition of adipogenesis differentiation using 3T3-L1 cells (Smas, C.M. et al. (1993) Cell 73:725). There is >40% inhibition of differentiation as measured by Oil Red O staining with 10-100 ng/mL sDLK-1 treatment.
Purity	>98% under reducing conditions by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
Endotoxin	<0.001 EU per 1 µg of the protein as determined by the LAL method
Source	Expressed in HEK293 cells.
Accession Number	P80370.3
Sequence	Ala24-Ala304 AECFPACNPQ NGFCEDDNCV RCQPGWQGGL CDQCVTSPGC LHGLCGEPGQ CICTDGWDGE LCDRDVRACS SAPCANNRTC VSLDDGLYEC SCAPGYSGKD CQKKDGPCVI NGSPCQHGGT CVDDEGRASH ASCLCPPGFS GNFCEIVANS CTPNPCENDG VCTDIGGDFR CRCPAGFIDK TCSRPTVNCA SSPCQNGGTC LQHTQVSYEC LCKPEFTGLT CVKKRALSPQ QVTRLPSGYG LAYRLTPGVH ELPVQQPEHR ILKVSMKELN KKTPLLTEGQ A
Molecular Weight	29.9 kDa (monomer, predicted), 40-45 kDa (observed)
Formulation	Lyophilized from sterile PBS with Trehalose, pH 7.4

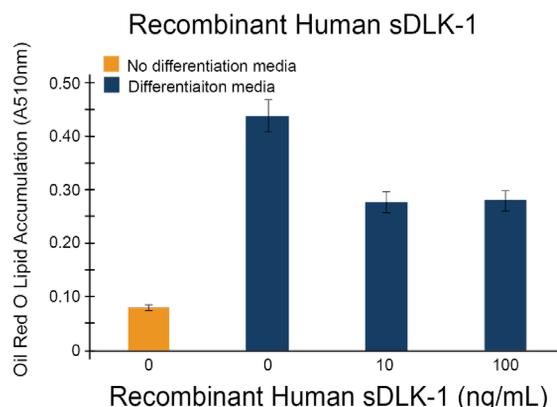
Storage and Preparation

Shipping	Shipped at ambient temperature.
Stability and Storage	<ul style="list-style-type: none">12 months from date of receipt at -20°C to -70°C, lyophilized powder.3 months at -20°C to -70°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 100 µg/mL in PBS. Optionally, use PBS with 0.1% BSA (EXRP053).

Data Images



Recombinant Human sDLK-1 (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue showing a single band around 40-45 kDa, and purity greater than 98%.



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