

**RPES8030**

## Product Information

<b>Product SKU:</b>	RPES8030	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Sumo	<b>Reactivity:</b>	Human	<b>Accession:</b>	P07737

## Additional Information

<b>Calculated MW:</b>	28.3 kDa	<b>Observed MW:</b>	32 kDa
<b>Sequence:</b>	Met1-Tyr140		

## Protein Information

<b>Background:</b>	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with an Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1.
<b>Synonyms:</b>	Actin binding protein, ALS18, Epididymis tissue protein Li 184a, OTTHUMP00000125244, PFN 1, Pfn, PFN1, PROF1, Profilin I, Profilin-1, Profilin1, Profilinl
<b>Endotoxin:</b>	< 10 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity
<b>Storage:</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.