

RPES8039

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**Product Information**

<b>Product SKU:</b>	RPES8039	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Gst	<b>Reactivity:</b>	Human	<b>Accession:</b>	P07476

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**Additional Information**

<b>Calculated MW:</b>	40 kDa	<b>Observed MW:</b>	55 kDa
<b>Sequence:</b>	Glu54-Gly181		

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**Protein Information**

<b>Background:</b>	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profillaggrin, loricrin, and calcyclin.
<b>Synonyms:</b>	INVO, Involucrin, IVL
<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.