

RPES8061

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**Product Information**

<b>Product SKU:</b>	RPES8061	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Trx	<b>Reactivity:</b>	Human	<b>Accession:</b>	P10767

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**Additional Information**

<b>Calculated MW:</b>	38.5 kDa	<b>Observed MW:</b>	35 kDa
<b>Sequence:</b>	Gly41-Lle208		

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**Protein Information**

<b>Background:</b>	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene displayed oncogenic transforming activity when transfected into mammalian cells. The Mouse homolog of this gene exhibits a restricted expression profile predominantly in the myogenic lineage, which suggested a role in muscle regeneration or differentiation.
<b>Synonyms:</b>	FGF 6, FGF-6, Fgf6, FGF6, Fibroblast growth factor 6, Fibroblast growth factor 6 precursor, HBGF 6, HBGF-6, HBGF6, Heparin secretory-transforming protein 2, Heparin-binding growth factor 6, HST 2, HST-2, HST2, HSTF-2
<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.