

**RPES8252**

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## Product Information

<b>Product SKU:</b> RPES8252	<b>Expression Host:</b> Mammalian	<b>Size:</b> 20µg
<b>Tag:</b> C-His	<b>Reactivity:</b> Human	<b>Accession:</b> O60462

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## Additional Information

<b>Calculated MW:</b> 91.9 kDa	<b>Observed MW:</b> 90-95 kDa
<b>Sequence:</b> Val20-Glu855	

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## Protein Information

**Background:** This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with an vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

**Synonyms:** MGC126574, Neuropilin 2, Neuropilin-2, Neuropilin2, NP 2, NP2, NPN 2, NPN2, NRP 2, Nrp2, NRP2, PRO2714, Receptor for VEGF165 and semaphorins class3, Vascular endothelial cell growth factor 165 receptor 2, Vascular endothelial growth factor 165 receptor 2, VEGF1265R2, VEGF165R2

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:** 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.

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