

**RPES8393**

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## Product Information

<b>Product SKU:</b> RPES8393	<b>Expression Host:</b> Mammalian	<b>Size:</b> 20µg
<b>Tag:</b> C-His	<b>Reactivity:</b> Mouse	<b>Accession:</b> Q61805

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## Additional Information

<b>Calculated MW:</b> 52.8 kDa	<b>Observed MW:</b> 58-60 kDa
<b>Sequence:</b> Met1-Val481	

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## Protein Information

**Background:** Plays a role in the innate immune response. Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria. Acts as an affinity enhancer for CD14, facilitating its association with an LPS. Promotes the release of cytokines in response to bacterial lipopolysaccharide.

**Synonyms:** BPI fold containing family D, member 2, Bpifd2, LBP, LBP, LBP1, Lipopolysaccharide binding protein, Lipopolysaccharide-binding protein, LPS binding protein, Ly88, MGC22233, OTTHUMP00000030965, RP23-407H16.4

**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.