

## Product Datasheet

### Recombinant human LIGHT (Trimer) protein, N-His-Flag (HEK293) (orb1516393)

<b>Description</b>	Recombinant human LIGHT (Trimer) protein, N-His-Flag (HEK293)
<b>Endotoxins</b>	< 1.0 EU/μg as determined by LAL
<b>Target</b>	Tumor necrosis factor ligand superfamily member 14
<b>Preservatives</b>	Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	~0.5 mg/ml
<b>Storage</b>	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
<b>Tag</b>	N-His-Flag
<b>Note</b>	For research use only
<b>Application notes</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Protein Sequence</b>	74-240/240
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by SEC-HPLC
<b>MW</b>	Due to glycosylation, the protein migrates to 52-140 kDa based on Tris-Bis PAGE result.
<b>Expiration Date</b>	6 months from date of receipt.

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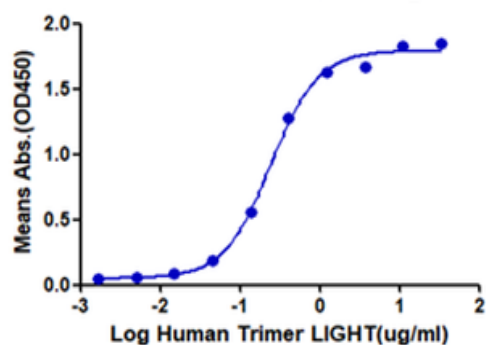
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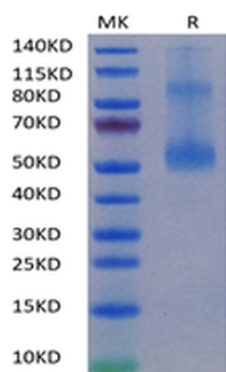
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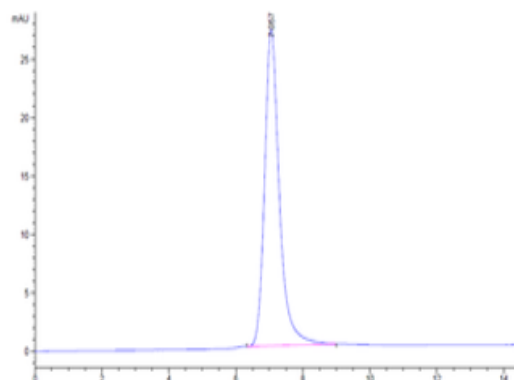
# Human Trimer LIGHT, His Tag ELISA



Immobilized Human HVEM at 0.5 ug/ml (100 ul/Well). Dose response curve for Human Trimer LIGHT, with the EC50 of 0.24 ug/ml determined by ELISA.



Recombinant LIGHT on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of LIGHT is greater than 95% as determined by SEC-HPLC.

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