

## Recombinant Pig FASLG Protein, His&SUMO-tagged

**Cat. No.** FASLG-2180P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pig FASLG Protein (Glu104-Leu282) with a N-His&SUMO tag was expressed in E. coli.                                                                                                                                                                   |
| <b>Species</b>          | Pig                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Glu104-Leu282                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Broad expression in spleen (RPKM 3.4), lung (RPKM 2.2) and 6 other tissues.                                                                                                                                                                                     |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 24.3 kDa<br>Accurate Molecular Mass: 27 kDa                                                                                                                                                                                           |
| <b>Endotoxin</b>        | <1.0 EU per 1g (determined by the LAL method).                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 97%                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                      |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

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|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
|                       | less than 5% within the expiration date under appropriate storage condition.                                                 |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                          |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                            |

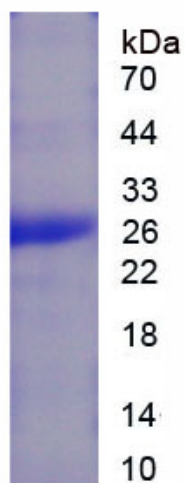
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FASLG Fas ligand [ <i>Sus scrofa</i> (pig) ]                                                                                                                                                                                      |
| <b>Official Symbol</b> | FASLG                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | FASLG; Fas ligand; FASL; CD95-L; TNFSF6; tumor necrosis factor ligand superfamily member 6<br>CD95 ligand<br>Fas ligand (TNF superfamily, member 6)<br>fas antigen ligand<br>tumor necrosis factor (ligand) superfamily, member 6 |
| <b>Gene ID</b>         | 396726                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_213806                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_998971                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q9BEA8                                                                                                                                                                                                                            |

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