

## Recombinant Human KITLG Protein (Glu26-Ala189), N-His tagged

**Cat. No.** KITLG-2585H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human KITLG/SCF (Glu26-Ala189) protein fused with the N-His tag was expressed in E. coli.                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Glu26-Ala189                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 20.76 kDa                                                                                                                                                                               |
| <b>Purity</b>           | >90 % as determined by SDS-PAGE.                                                                                                                                                        |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | 0.01M PBS, pH 7.4, 0.02 % NLS                                                                                                                                                           |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |
| <b>Shipping</b>         | In general, proteins are provided as lyophilized powder/frozen liquid. They are                                                                                                         |

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shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

|                 |                                                                                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | KITLG KIT ligand [ Homo sapiens (human) ]                                                                                                                                                                               |
| Official Symbol | KITLG                                                                                                                                                                                                                   |
| Synonyms        | KITLG; KIT ligand; MGF; kit ligand; familial progressive hyperpigmentation 2; FPH2; Kitl; KL 1; mast cell growth factor; SCF; SF; steel factor; stem cell factor; c-Kit ligand; KL-1; SHEP7; kit-ligand; DKFZp686F2250; |
| Gene ID         | 4254                                                                                                                                                                                                                    |
| mRNA Refseq     | NM_000899                                                                                                                                                                                                               |
| Protein Refseq  | NP_000890                                                                                                                                                                                                               |
| MIM             | 184745                                                                                                                                                                                                                  |
| UniProt ID      | P21583                                                                                                                                                                                                                  |

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