

# Recombinant Human LILRA5 Protein Full Length, N-His-tagged

## Product Information

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<b>Cat</b>	IMP-7719
<b>Official Symbol</b>	LILRA5
<b>Product Overview</b>	<i>Purified recombinant protein of Human leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5 (LILRA5), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.coli.</i>
<b>Description</b>	<i>The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described.</i>
<b>Expression System</b>	<i>E. coli</i>
<b>Species</b>	<i>Human</i>
<b>Tag</b>	<i>N-His</i>
<b>Form</b>	<i>25mM Tris, pH 8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl</i>
<b>Molecular Mass</b>	<i>32.6 kDa</i>
<b>Protein length</b>	<i>Full Length</i>
<b>Purity</b>	<i>&gt; 80% as determined by SDS-PAGE and Coomassie blue staining.</i>
<b>Storage</b>	<i>Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.</i>
<b>Concentration</b>	<i>&gt; 50 µg/mL as determined by microplate BCA method.</i>