

Recombinant Human LRRC8 Mutant (R262W) Protein, Myc/DDK-tagged

Cat. No. LRRC8A-057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified mutant recombinant protein of Human SH2B adaptor protein 3 (SH2B3), mutation at (R262W) with a Myc/DDK tag was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a protein belonging to the leucine-rich repeat family of proteins, which are involved in diverse biological processes, including cell adhesion, cellular trafficking, and hormone-receptor interactions. This family member is a putative four-pass transmembrane protein that plays a role in B cell development. Defects in this gene cause autosomal dominant non-Bruton type agammaglobulinemia, an immunodeficiency disease resulting from defects in B cell maturation. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene.
Molecular Mass	94.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration > 50 µg/mL as determined by microplate Bradford method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name [LRRC8A leucine rich repeat containing 8 VRAC subunit A \[Homo sapiens \(human\) \]](#)

Official Symbol [LRRC8A](#)

Synonyms LRRC8A; leucine rich repeat containing 8 VRAC subunit A; AGM5; LRRC8; SWELL1; volume-regulated anion channel subunit LRRC8A; leucine rich repeat containing 8 family member A; leucine-rich repeat-containing protein 8A; swelling protein 1

Gene ID [56262](#)

mRNA Refseq [NM_019594](#)

Protein Refseq [NP_062540](#)

MIM [608360](#)

UniProt ID [Q8IWT6](#)

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SDS-PAGE



Purified recombinant protein LRRC8 (R262W) was analyzed by SDS-PAGE gel and Coomassie Blue Staining.

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