

Product datasheet

Human LTB4R2 (Leukotriene B4 Receptor 2) knockout HeLa cell lysate ab258035

1 Image

Overview

| | |
|-----------------------------|--|
| Product name | Human LTB4R2 (Leukotriene B4 Receptor 2) knockout HeLa cell lysate |
| Product overview | Knockout cell lysate achieved by CRISPR/Cas9. |
| Parental Cell Line | HeLa |
| Organism | Human |
| Mutation description | Knockout achieved by using CRISPR/Cas9, Homozygous: 22 bp deletion in exon2. |
| Passage number | <20 |
| Knockout validation | Sanger Sequencing |
| Reconstitution notes | To use as WB control, resuspend the lyophilizate in 50 µL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT. <i>*Usage of SDS sample buffer is not recommended with these lyophilized lysates.</i> |

Notes

Lysate preparation: Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found [here](#). Please refer to our lysis protocol for further details on how our lysates are prepared.

User storage instructions: Lyophilizate may be stored at 4°C. After reconstitution, store at -20°C for short-term storage or -80°C for long-term storage.

Access thousands of knockout cell lysates, generated from commonly used cancer cell lines.

[See here for more information on knockout cell lysates.](#)

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Properties

Storage instructions Store at -80°C. Please refer to protocols.

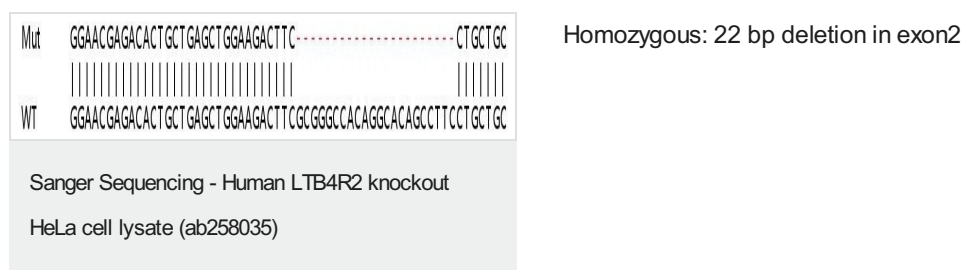
| Components | 1 kit |
|---|-----------|
| ab263612 - Human LTB4R2 knockout HeLa cell lysate | 1 x 100µg |
| ab255929 - Human wild-type HeLa cell lysate | 1 x 100µg |

| | |
|---------------------|---|
| Cell type | epithelial |
| Disease | Adenocarcinoma |
| Gender | Female |
| STR Analysis | Amelogenin X D5S818: 11, 12 D13S317: 12, 13.3 D7S820: 8, 12 D16S539: 9, 10 WWA: 16, 18 TH01: 7 TPOX: 8,12 CSF1PO: 9, 10 |

Target

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|------------------------------|--|
| Function | Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3. |
| Tissue specificity | Widely expressed. |
| Sequence similarities | Belongs to the G-protein coupled receptor 1 family. |
| Cellular localization | Cell membrane. |

Images



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