**To be filled by user:**

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| **DATE :** |
| **Type of access to the platform:**  Access to the facility for protein/RNA large scale Cell Free expression, under supervision of qualified platform engineer. Dedicated bench, optimised protocols, home-made cell-free extracts/enzymes and consumables are available to users.  Feasibility trials provided by the Platform after validation of project (expression & solubility)  User training for first large scale experiment  Access to the facility for large scale Cell Free expression (trained user)  **I have read the general conditions (platform website on www.isbg.fr)** |
| **Project Name**:        RNA Protein =>  Soluble  Membrane ( Oligomeric)  **Seleno-Methionine required?**  Yes No  **Isotopic labelling required?**  Yes No  **If yes, precise the isotopic labelling :**  15N  15N, 13C  *We can purpose, under collaboration, other options about cell-free expressions, as co-expression, expression with chaperonnes for difficult proteins (DsbC; Cpn10/60), Perdeuteration, or tricks to help you in your target protein expression.* |
| **People involved**:  - Principal investigator (Name and affiliation):        PSB  External =>  Academic  Industrial  - **Platform user, specify the applicant's name and affiliation (mandatory for validation)**        PSB  External =>  Academic  Industrial |
| **Name of the protein (NCBI Reference Sequence)**:        **Name of the RNA (NCBI Reference Sequence)** :        **Biohazard sample:**  I certified my product sample is class I (if not, please contact us) |
| **ORGANISM**: |
| **Biological context:**        **Experimental methods used for the study of the sample (NMR, X-Ray,...):** |
| **Additionnal quality control (SDS/PAGE automatic)**:  UV spectrum (RNA)  Western Blot anti HisTag (protein) |
| **Sequence of the protein or RNA**: |
| **Type of the cDNA (matrix):**  Plasmid (Mandatory T7 promoter optimized for Cell-Free expression; pIVEX, pEXP)  Lyophilized Liquid  Vector’s name:  Oligonucleotides (with T7 promoter)  Other, specify:  *We need 10 µg @ 1µg/µl for DNA or 2,5 µg/µl for oligonucleotides*  *Your matrix will not be stored after trials*  ***Please fill the "GMO agreement number" of your Institution :*** |
| **Availability of cDNA (specify the time needed to obtain it if the cDNA is not present in the Platform) and its characteristics**:  Already on the platform  Already in user lab  Cloning in progress |
| **Known characteristics of the desired sample (specify: function (enzyme), heme, paramagnetic centers, membrane protein, known partners (RNA, proteins, DNA, cofactors, ...):** |
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| **Previous results obtained by the user (specify E. coli: expression vector, expression level, conditions for production and purification, already performed isotopic labelling, structure ...):** |

**Reserved for the platform:**

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| **Platform validation:**  Yes  Delayed  No  Collaboration (to discuss) |

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| **Comments**:  Receipt of the DNA: Date  Name  Storage: -20°C  Màj: 03/02/2021 IMBERT |

Signature of user Signature of PF